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WATER QUALITY DATA FOR SANDUSKY RIVER MATERIAL TRANSPORT STATIO--ETC(U)
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1 OF 3
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LAKE ERIE WASTEWATER MANAGEMENT STUDY

WATER QUALITY DATA

U.S. ARMY CORPS OF ENGINEERS
BUFFALO DISTRICT

1776 NIAGARA STREET; BUFFALO, NEW YORK 14207

SANDUSKY RIVER MATERIAL TRANSPORT

SECURITY CLASSIFICATION OF THIS PAGE *(When Data Entered)*

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20. ABSTRACT *(Continue on reverse side if necessary and identify by block number)*

This report presents data that represents water quality information collected at nine Sandusky River material transport sampling stations for the Lake Erie Wastewater Management Study. A list of these stations along with the U. S. Geological Survey gage number and drainage area is provided.

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

Unclassified
SECURITY CLASSIFICATION OF THIS PAGE *(When Data Entered)*

The selection of the Sandusky River material transport stations was based on two criteria: (1) whether a USGS gaging station was presently in existance, and (2) whether the site could best represent a tributary which drains a large previously unmonitored land area. In the second case, USGS gaging stations were eventually established.

Samples collected were analyzed for the following paramaters: total phosphorus, orthophosphorus. ammonia nitrogen, nitrite-nitrate nitrogen chlorides, dissolved silica, suspended solids, and conductivity. In addition, 20 percent of the samples were analyzed for total kjeldahl nitrogen, and iron.

The water quality information in this publication was collected and analyzed for the Lake Erie Wastewater Management Study by Heidelberg College, River Studies Laboratory, Tiffin, OH.

WATER QUALITY DATA
FOR
SANDUSKY RIVER MATERIAL TRANSPORT STATIONS

LAKE ERIE WASTEWATER MANAGEMENT STUDY
U. S. ARMY CORPS OF ENGINEERS
BUFFALO DISTRICT

COLLECTED AND ANALYZED
BY
HEIDELBURG COLLEGE
RIVER STUDIES LABORATORY

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INTRODUCTION

The data presented in this report represents water quality information collected at nine Sandusky River material transport sampling stations for the Lake Erie Wastewater Management Study.

A list of these stations along with the US Geological Survey gage number and drainage area is provided in Table 1. Figure 1 shows the relative location of the Sandusky River Basin in relation to Lake Erie, and Figure 2 indicates the approximate location of the nine sampling stations in the Sandusky River Basin.

The selection of the Sandusky River material transport stations was based on two criteria: (1) whether a U.S.G.S. gaging station was presently in existence, and (2) whether the site could best represent a tributary which drains a large previously unmonitored land area. In the second case, U.S.G.S. gaging stations were eventually established.

Samples collected were analyzed for the following parameters: total phosphorus, ortho phosphorus, ammonia nitrogen, nitrite-nitrate nitrogen chlorides, dissolved silica, suspended solids, and conductivity. In addition, 20 percent of the samples were analyzed for total kjeldahl nitrogen, and iron.

The water quality information in this publication was collected and analyzed for the Lake Erie Wastewater Management Study by Heidelberg College, River Studies Laboratory, Tiffin, OH.

SANDUSKY RIVER
MATERIAL TRANSPORT SAMPLING STATIONS

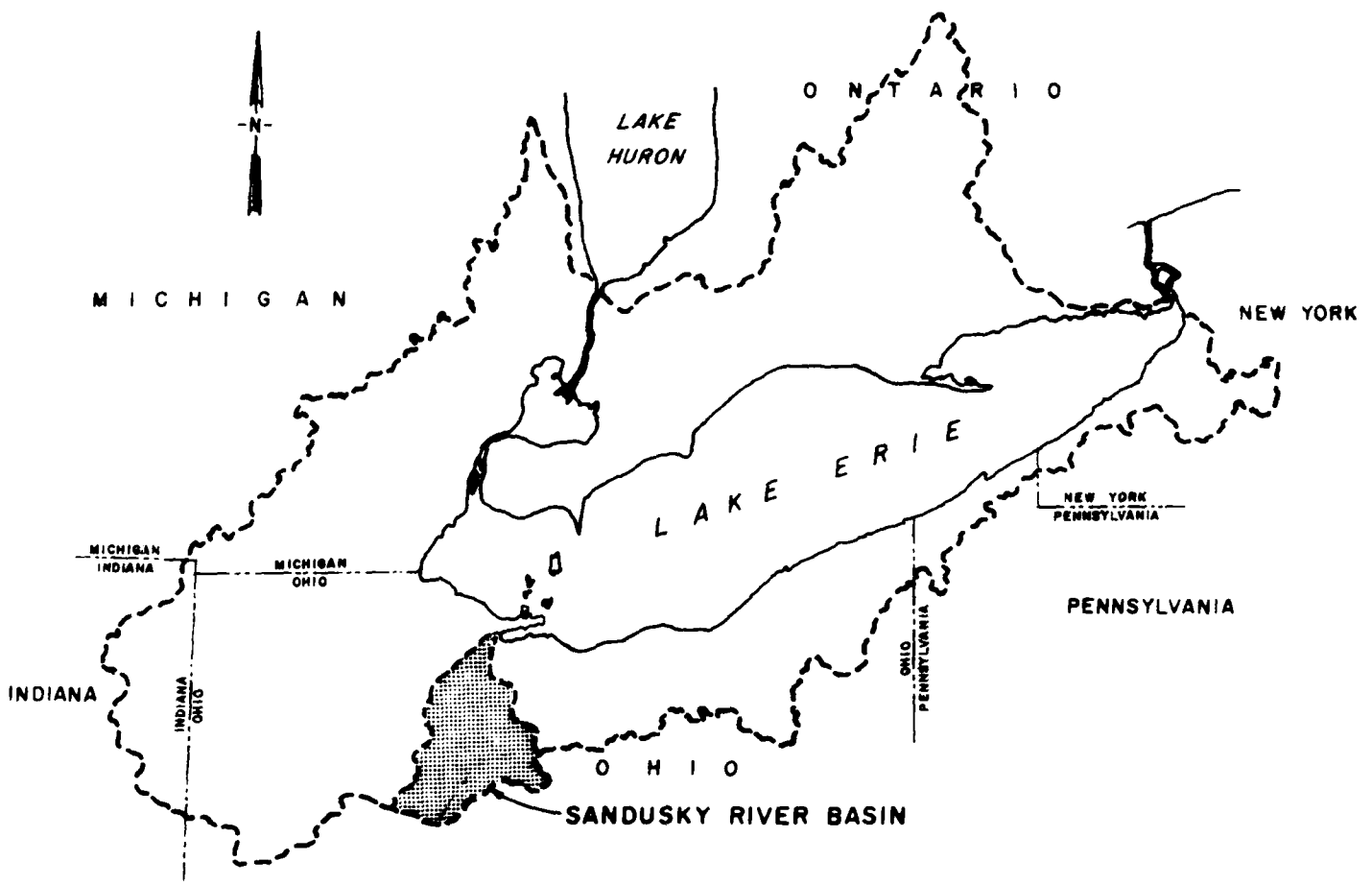
TABLE I

STATION IDENTIFICATION	LEWMS CODE	USGS NUMBER	DRAINAGE AREA IN SQ. MILES	MAP * REFERENCE #
Sandusdy River near Bucyrus	03SB	04196000	88.8	1
Broken Sword Creek at Nevada	03BS	04196200	83.8	2
Sandusky River near Upper Sandusky	03US	04196500	298	3
Tymochtee Creek at Crawford	03TC	04196800	229	4
Sandusky River near Mexico	03SM	04197000	774	5
Honey Creek at Melmore	03HC	04197100	149	6
East Branch Wolf Creek at Bettsville	03EW	04197450	82.4	7
West Branch Wolf Creek at Bettsville	03WW	04197300	66.2	8
Sandusky River near Fremont	03SF	04198000	1,251	9

*Numbers refer to Figure 2.

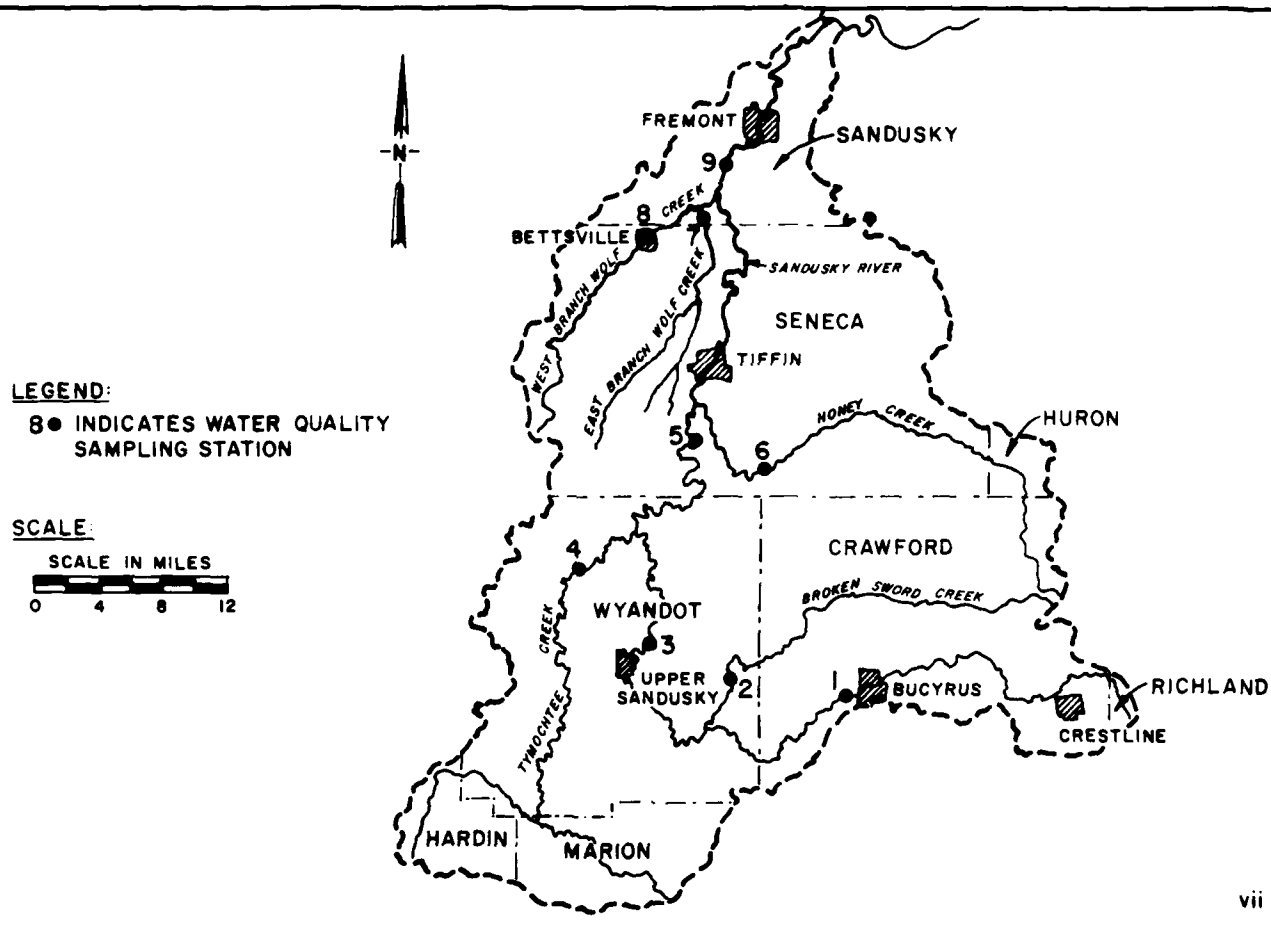
LAKE ERIE BASIN

FIGURE 1



SANDUSKY RIVER BASIN

FIGURE 2



ANALYTICAL PROCEDURES

The analytical method used on each parameter sampled at the Sandusky River material transport stations are given below.

TOTAL PHOSPHORUS

Total phosphorus analyses was performed using the automated colorimetric ascorbic acid reduction method for Technicon Autoanalyzer II systems as described in the Methods for Chemical Analysis of Water and Wastes, U.S. Environmental Protection Agency, 1974, beginning on page 256. The persulfate digestion was performed by heating in an autoclave for 30 minutes at 121°C. For samples with high suspended solids, the samples were filtered through a prewashed glass fiber filter (millipore AP2504700) following removal from the autoclave and before cooling. Standard solutions and blanks were included with each batch of samples and underwent the same digestion procedures as the samples. Reported as P.

DISSOLVED ORTHOPHOSPHATE

The analytical procedures for dissolve orthophosphate was the same as those used for total phosphorus as described above except that sample pretreatment consisted of filtration of the raw sample through a prewashed Millipore HAWP filter. The filtrate was then directly analyzed by the colorimetric procedure cited above. Reported as P.

RESIDUE, TOTAL NON-REFILTERABLE (SUSPENDED SOLIDS)

Suspended solids were analyzed according to the procedures outlined in the Methods for Chemical Analysis of Water and Wastes (U.S.E.P.A., 1974, page 268 and following). A well mixed sample was filtered through a preweighed glass fiber filter, (Reeve Angel 934AH) and the residue retained on the filter was dried to constant weight at 103-105°C. Weighings were done on a Mettler H20T balance with digital readout to the nearest 0.01 milligrams.

NITROGEN, NITRATE-NITRITE

The automated cadmium reduction method was employed as described in the Methods for Chemical Analysis of Water and Wastes (U.S.E.P.A., 1974

page 207 and following). The analyses was run on the same filtrate as used for dissolved orthophosphate. The values reported included both nitrate and nitrite nitrogen.

In this method a filtered sample is passed through a column containing granulated copper-cadium to reduce nitrate to nitrite. The nitrite (that originally presented plus reduced nitrate) is determined by diazotizing with sulfanilamide and coupling with N-(1-napthyl)-ethylenediamine dihydrochloride to form a highly colored azo dye which is measured colorimetrically. Reported as N.

NITROGEN, AMMONIA

The automated colorimetric phenate method was employed as described in the above manual (E.P.A., 1974, page 168 and following). The analysis was run on the same filtrate as used for dissolved orthophosphate and nitrate-nitrite. In this method Alkaline phenol and hypochlorite react with ammonia to form indophenol blue that is proportional to the ammonia concentration. The blue color formed is intensified with sodium nitroprusside. Reported as N.

SPECIFIC CONDUCTANCE

Specific conductance was measured using a Barnstead Model PM 70CB Conductivity Meter and a YSI conductivity cell. Samples were brought to 25°C prior to measurements. Details of the procedure are outlined in Standard Methods for the Examination of Water and Wastewater, 13th Edition, (1971), page 323.

SILICA, DISSOLVED

Silica analyses was performed using the automated method (Tehnicon Industrial Method #182-72W) on the same filtrates as used for dissolved orthosphate. Reported as SiO_2

CHLORIDE

Chloride analysis was performed using the procedures outlined in the Methods for Chemical Analysis of Water and Wastes (U.S.E.P.A., 1974, page 31 and following). Thiocyanate ion (SCN) is liberated from mercuric thiocyanate, through sequestration of mercury by chloride ion to form un-ionized mercuric chloride. In the presence of ferric ion, the liberated SCN forms highly colored ferric thiocyanate, in concentration proportional to the original chloride concentration. Reported as Cl.

IRON

The analysis of iron was done according to the procedure given in Standard Methods for the Examination of Water and Wastewater, 13th Edition, (1971), with some modification. A Tehnicon Autoanalyses was utilized according to the automated method (Tehnicon Industrial Method #109-71W).

TOTAL KJELDAHL NITROGEN

An ultramicro technique was used in the analysis of Total Kjeldahl Nitrogen (TKN). This procedure is outlined in the Ultramicro Semi-Automated Method for the Simultaneous Determination of Total Phosphorus and Total Kjeldahl Nitrogen in Wastewaters (Environmental Science and Technology, October 1976). The ammonia is analysed in the range of .05 to 10.00 mg N/l using the indophenol blue method with automated spectrophotometry at the rate of 30 samples per hour. Reported as N.

STATION LOCATION DESCRIPTION

04196000 SANDUSKY RIVER NEAR BUCYRUS, OH
Lat 40°48'13", long 83°00'21", in NE 1/4 sec. 10,T. 3 S., R. 16 E., Crawford County, Hydrologic Unit 04100011, on right bank at downstream side of bridge on township road, 1 mile (2 km) upstream from unnamed left bank tributary, 1.5 mi (2.4 km) west of Bucyrus, and 12 mi (19 km) downstream from Loss Creek.

04196200 BROKEN SWORD AT NEVADA, OH
Lat 40°49'34", long 83°09'11", in sec. 32, T.25 N., R. 15 E., Wyandot County, Hydrologic Unit 04100011, on right bank at bridge on State Highway 182, 1.2 mi (1.93 km) northwest of Nevada, 5.0 mi (8.0 km) upstream from mouth.

04196500 SANDUSKY RIVER NEAR UPPER SANDUSKY, OH
Lat 40°51'02", long 83°15'23", in sec. 21, T.2 S., R.14 E., Wyandot County, Hydrologic Unit 04100011, on left bank at downstream side of county road bridge, 0.7 mi (1.1 km) downstream from unnamed right bank tributary, 0.8 mi (1.3 km) upstream from Rock Run, and 2 mi (3 km) northeast of Upper Sandusky.

04196800 TYMOCHTEE CREEK AT CRAWFORD, OH
Lat 40°55'22", long 83°20'56", in SE 1/4 sec. 27, T.1 S., R.13 E., Wyandot County, Hydrologic Unit 04100011, on right bank at downstream side of bridge on State Highway 199 (formerly U.S. Highway 23), 0.4 mi (0.6 km) northwest of Crawford, 1.5 mi (2.4 km) downstream form Lick Run, 2.7 mi (4.3 km) upstream from Little Tymochtee Creek, and 3 mi (5 km) southeast of Carey.

04197000 SANDUSKY RIVER NEAR MEXICO, OH
Lat 41°02'39", long 83°11'42", in sec. 13, T.1 N., R.14 E., Seneca County, Hydrologic Unit 04100011, on right bank at downstream side of county road bridge, 4.1 mi (6.6 km) upstream from Honey Creek, 4.2 mi (6.8 km) north of Mexico, 4.9 mi (7.9 km) south of Tiffin, and 8.3 mi (13.4 km) downstream from Mile Run.

04197100 HONEY CREEK AT MELMORE, OH
Lat 41°01'20", long 83°06'35", Seneca County, Hydrologic Unit 04100011, at bridge on State Highways 67 and 100 at Melmore, 1.5 mi (2.4 km) upstream from Buckeye Creek.

04197450 EAST BRANCH WOLF CREEK NEAR BETTSVILLE, OH
Lat 41°15'40", long 83°11'04", in SW 1/4 sec. 31, T.4N., R.15E., Sandusky County, Hydrologic Unit 04100011, on right bank downstream side of bridge on Gilmore Road, 2.7 mi (4.3 km) northeast of Bettsville, 0.9 mi (1.4 km) upstream from mouth.

04197300 WEST BRANCH WOLF CREEK AT BETTSVILLE, OH
Lat 41°14'58", long 83°14'08", Seneca County, Hydrologic Unit 04100011, at bridge on State Highway 590 at Bettsville, 3.5 mi (5.6 km) upstream from East Branch.

04198000 SANDUSKY RIVER NEAR FREMONT, OH
Lat 41°18'28", long 83°09;32", in sec. 17, T.4 N., R.12 E., Sandusky County, Hydrologic Unit 04100011, on left bank at downstream side of county road bridge, 2.3 mi (3.7 km) upstream from Ballville diversion dam, 2.5 mi (4.0 km) downstream from Wolf Creek, and 3.5 mi (5.6 km) southwest of Fremont.

SANDUSKY RIVER
NEAR
BUCYRUS, OHIO

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR BUCYRUS, OHIO USGS NO. 04196000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	1	1	1800	237.3	.420	.230	2.200	.440				11.40	49.00			650.
76	1	2	1800	144.0	.531	.130	1.800	.430				101.00	45.00			490.
76	1	3	1800	[illegible]	.522	.070	3.600	.140				146.00	25.00			310.
76	1	4	1800	126.1	.315	.080	5.000	.140				46.90	29.00			424.
76	1	5	1800	95.6	.160	.090	4.300	.200				31.30	30.00			505.
76	1	6	600	63.0	.201	.160	3.400	.290				53.70	35.00			513.
76	1	6	2400	63.0	.110	.110	5.000	.170				135.00	38.00			411.
76	1	6	1200	64.0	.339	.210	4.000	.550				19.30	38.00			650.
76	1	7	1200	60.0	.335	.210	3.400	.550				15.00	40.00			680.
76	1	8	1200	42.8	.410	.310	2.700	1.110				14.00	50.00			754.
76	1	9	1200	34.7	.485	.380	2.400	1.240				12.30	47.00			775.
76	1	10	1200	31.2	.499	.360	2.300	1.410				9.60	46.00			798.
76	1	11	1200	34.7	.488	.380	2.100	1.470				10.00	53.00			831.
76	1	11	2400	29.6	.585	.430	2.100	1.000				15.90	81.00			990.
76	1	12	1200	27.0	.500	.330	2.100	1.470				11.00	68.00			893.
76	1	12	1800	29.1	.743	.510	4.200	.260		.870		103.00	62.00			864.
76	1	13	1800	110.4	1.290	.610	.500	2.000		3.660		92.50				
76	1	14	1800	324.8	.450	.210	2.800	.220		.705		28.20	59.00			621.
76	1	15	1800	126.1	.284	.180	2.600	.510		1.150		16.40	44.00			513.
76	1	16	1800	90.8	.324	.220	2.600	.630		1.340		8.60	55.00			636.
76	1	17	1800	57.2	.354	.180	2.600	1.000		2.100		9.10	44.00			665.
76	1	18	1800	48.2	.305	.210	2.600	.680		1.220		4.90	43.00			686.
76	1	19	1200	38.9	.435	.340	2.400	1.110		1.460		5.40	47.00			139.
76	1	27	1600	784.0	.664	.080	1.900	.390				401.00	28.00		1.40	273.
76	1	27	1800	594.1	.557	.080	2.000	.310				160.00	26.00		5.10	231.
76	1	27	2000	415.6	.469	.070	2.000	.260				185.00	25.00		4.70	223.
76	1	27	2200	415.6	.431	.080	2.100	.270				147.00	25.00		8.20	221.
76	1	27	2400	433.4	.373	.080	2.200	.270				111.00	25.00		6.50	226.
76	1	28	200	391.5	.373	.070	2.300	.230				162.00	25.00		11.30	239.
76	1	28	400	338.5	.348	.080	2.400	.230				101.00	25.00		3.50	249.
76	1	28	600	305.0	.339	.060	2.600	.200				92.40	25.00		5.10	259.
76	1	28	800	277.0	.330	.060	2.600	.180				93.10	25.00		4.10	265.
76	1	28	1000	255.0	.310	.060	2.700	.160				87.10	26.00		2.80	279.
76	1	28	1200	235.0	.321	.070	3.000	.150				72.30	27.00		3.10	310.
76	1	28	1400	217.0	.309	.070	3.000	.180				81.00	26.00		2.90	319.
76	1	28	1600	203.0	.309	.070	3.100	.170				72.30	27.00		2.80	331.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR BUCYRUS, OHIO USGS NO. 04196000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	1	28	2000	231.6	.287	.080	3.100	.170				69.20	27.00		4.30	343.
76	1	28	2200	218.6	.274	.060	3.100	.120				58.90	27.00		4.10	348.
76	1	28	2400	209.6	.256	.060	3.200	.170				55.70	28.00		3.50	351.
76	1	29	200	168.5	.297	.080	3.200	.190				45.50	28.00		1.40	382.
76	1	29	1600	149.6	.306	.090	3.100	.200				37.90	29.00		6.30	399.
76	1	29	2200	131.4	.298	.110	3.100	.260				30.90	28.00		1.10	421.
76	1	29	1430	153.8		.110	2.900	.370				34.10	32.00			481.
76	1	29	1630	148.2		.140	2.900	.570				28.00	35.00			500.
76	1	29	1830	142.6		.140	2.800	.540				19.60	33.00			462.
76	1	29	2030	137.0		.160	2.800	.580				29.00	36.00			490.
76	1	29	2230	130.0		.150	2.700	.570				20.70	34.00			502.
76	1	30	30	120.9		.160	2.700	.590				20.60	33.00			513.
76	1	30	230	114.4		.150	2.700	2.000				18.60	34.00			378.
76	1	30	430	110.5		.160	2.600	.600				20.70	34.00			525.
76	1	30	630	117.0		.130	2.500	.530				16.20	32.00			519.
76	1	30	830	117.0		.130	2.700	.530				20.40	34.00			536.
76	1	30	1030	102.8		.120	2.600	.520				14.40	35.00			534.
76	1	30	1230	117.0		.130	2.500	.510				24.60	34.00			543.
76	1	30	1430	99.2		.140	2.400	.500				26.70	40.00			569.
76	1	30	1630	96.8		.180	2.500	.790				14.00	50.00			619.
76	1	30	1830	93.2		.210	2.400	.810				13.10	52.00			630.
76	1	30	2030	92.0		.200	2.400	.730				12.50	57.00			667.
76	1	30	2230	92.0		.180	2.400	.720				18.40	58.00			662.
76	1	31	30	84.8		.180	2.400	.740				9.40	58.00			675.
76	1	31	230	77.8		.180	2.400	.780				19.10	54.00			656.
76	1	31	430	75.6		.180	2.400	.770				18.30	49.00			639.
76	1	31	630	71.2		.160	2.500	.750				5.00	44.00			614.
76	1	31	830	69.0		.130	2.600	.680				12.90	41.00			613.
76	1	31	1030	75.6		.120	2.600	.640				15.10	41.00			607.
76	1	31	1230	92.0		.100	2.500	.530				9.00	39.00			594.
76	1	31	1430	81.2		.130	2.500	.700				9.80	40.00			600.
76	1	31	1630	71.2		.190	2.400	1.000				7.70	41.00			622.
76	1	31	1830	67.0		.250	2.200	1.000				13.30	43.00			631.
76	1	31	2030	66.0		.300	2.200	1.000				11.10	45.00			642.
76	2	3	1200	50.0	.396	.280	3.400	.040				13.90	48.00			785.
76	2	3	1800	38.9	.529	.430	2.900	.910				2.10	40.00			712.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR BUCYRUS, OHIO USGS NO. 04196000

SAMPLING DATE YR MO DY	TIME 2400	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 1 3	2400	31.0	.884	.700	3.600	.610				6.10	53.00			786.
76 1 4	600	31.2	.626	.500	2.000	1.000				5.00	47.00			755.
76 1 4	1200	34.0	.517	.400	2.000	1.000				6.70	44.00			743.
76 1 4	1800	34.0	.626	.480	1.700	1.000				5.20	50.00			786.
76 2 6	1200	25.2	.770	.600	1.500	1.000				6.50	48.00			780.
76 2 7	1200	34.0	.605	.430	1.500	1.000				5.80	44.00			775.
76 2 8	1200	24.0	.685	.510	1.400	1.000				4.80	42.00			769.
76 2 9	1200	24.0	.902	.600	1.300	1.000				2.50	53.00			830.
76 2 10	600	24.0	1.040	.830	1.300	1.000				3.90	62.00			858.
76 2 10	1300	30.9	.967	.830	2.600	1.510				6.50	71.00			835.
76 2 10	1900	142.6	.875	.470	1.000	2.000				103.00	71.00			1015.
76 2 11	100	331.6	.472	.200	3.900	.080				102.00	65.00			581.
76 2 11	700	864.5	.551	.220	2.500	.130				176.00	40.00			410.
76 2 11	1300	974.0	.481	.140	2.700	.080		1.300		188.00	35.00			297.
76 2 11	1900	918.2	.422	.120	2.400	.130				248.00	33.00			298.
76 2 12	100	496.8	.319	.110	2.600	.340				169.00	33.00			315.
76 2 12	700	350.0	.254	.110	2.500	.320				100.00	31.00			339.
76 2 12	1300	265.0	.315	.130	2.800	.260		1.300		35.30	32.00			372.
76 2 12	1900	243.0	.312	.190	2.400	.580				111.00	35.00			407.
76 2 13	100	225.9	.236	.140	2.600	.300				70.50	33.00			412.
76 2 13	700	241.1	.213	.110	2.400	.330				56.50	33.00			423.
76 2 13	1300	247.0	.257	.140	2.600	.310		1.400		51.10	35.00			449.
76 2 13	1900	287.4	.272	.150	2.300	.390				57.60	37.00			452.
76 2 14	100	359.6	.244	.110	2.600	.260				74.00	33.00			428.
76 2 14	700	338.4	.227	.090	2.600	.290				72.20	30.00			408.
76 2 14	1300	289.0	.213	.110	2.700	.300		1.000		53.30	29.00			406.
76 2 14	1900	272.0	.273	.130	2.700	.650				40.60	31.00			423.
76 2 15	100	165.6	.240	.160	2.600	.440				33.40	31.00			444.
76 2 15	700	158.0	.179	.110	2.700	.380				28.30	31.00			460.
76 2 15	1300	155.2	.191	.120	2.700	.380		1.200		22.40	34.00			487.
76 2 15	1900	173.0	.248	.170	2.700	.600				23.60	36.00			513.
76 2 16	100	279.0	.216	.120	2.800	.370				20.20	33.00			492.
76 2 16	700	430.4	.223	.080	3.400	.230				63.80	31.00			461.
76 2 16	1300	468.0	.369	.110	3.600	.370		1.200		101.00	38.00			455.
76 2 16	1900	1305.0	.741	.100	3.100	.390				115.00	33.00			402.
76 2 17	100	1890.0	.995	.080	3.000	.320				441.00	28.00			344.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION L/CODE : NEAR BUCYRUS, OHIO USGS NO. 04196000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	2	17	700	2224.0	1.170	.060	2.800	.300		4.500		750.00	24.00			298.
76	2	17	1300	2658.0	1.360	.060	3.000	.060		3.700		892.00	18.00			280.
76	2	17	1900	2459.0	1.000	.060	3.000	.080		2.900		712.00	18.00			263.
76	2	18	100	1880.0	.791	.060	3.300	.050		2.100		442.00	19.00			289.
76	2	18	700	2224.0	.581	.070	3.700	.050		1.900		199.00	22.00			333.
76	2	18	1300	2658.0	.507	.090	4.000	.040		2.200		251.00	23.00			364.
76	2	18	1900	2458.0	.510	.070	3.800	.050		2.400		314.00	26.00			382.
76	2	19	100	2020.0	.490	.070	3.800	.050		1.700		270.00	25.00			374.
76	2	19	700	1242.0	.460	.070	3.600	.050		1.600		258.00	25.00			374.
76	2	19	1300	955.2	.538	.080	3.500	.060		2.200		259.00	25.00			378.
76	2	19	1900	1098.0	.487	.090	3.500	.050		1.700		196.00	25.00			391.
76	2	20	100	978.0	.383	.090	3.400	.050		1.500		152.00	25.00			408.
76	2	20	700	955.2	.315	.070	3.400	.050		1.100		126.00	25.00			420.
76	2	20	1300	705.2	.340	.120	3.400	.060		1.900		111.00	26.00			434.
76	2	20	1900	522.5	.340	.120	3.400	.080		1.200		103.00	26.00			445.
76	2	21	100	409.4	.299	.100	3.300	.070		1.100		89.50	28.00			463.
76	2	21	700	347.7	.261	.090	3.200	.080		1.100		87.20	27.00			468.
76	2	21	1300	300.6	.511	.110	2.600	.090		1.900		255.00	30.00			434.
76	2	21	1900	267.0	.529	.090	2.700	.080		2.100		290.00	27.00			413.
76	2	22	100	239.2	.612	.070	2.600	.060		2.000		384.00	23.00			355.
76	2	22	700	220.4	.460	.060	2.700	.060		1.700		346.00	22.00			346.
76	2	22	1300	391.5	.372	.070	2.700	.070		1.500		681.00	23.00			361.
76	2	22	1900	754.7	.336	.070	2.800	.080		1.400		141.00	23.00			376.
76	2	23	100	1114.0	.284	.070	2.800	.130		1.300		107.00	25.00			396.
76	2	23	700	962.6	.248	.070	2.800	.090		1.400		96.90	25.00			419.
76	2	23	1300	791.0	.337	.110	2.800	.150		1.500		77.70	27.00			452.
76	2	23	1900	599.4	.304	.120	2.800	.200		1.400		65.40	27.00			467.
76	2	24	100	419.8	.281	.110	2.800	.180		1.500		54.70	28.00			480.
76	2	24	700	331.6	.218	.090	2.800	.170		1.100		55.00	28.00			492.
76	2	24	1300	189.0	.302	.140	3.400	.080		1.100		40.80	32.00			498.
76	2	24	1900	151.0	.313	.150	3.100	.130		2.300		36.10	33.00			533.
76	2	26	1900	114.0	.274	.160	2.900	.190		1.300		30.80	34.00			558.
76	2	27	1300	89.6	.282	.170	2.500	.380		1.300		24.90	35.00			584.
76	2	28	1300	74.5	.227	.120	2.200	.390		1.200		19.70	36.00			609.
76	3	00	1900	62.0	.230	.120	1.900	.440		1.700		16.10	36.00			620.
76	3	1	700	54.5	.291	.190	1.700	.690		1.400		12.30	36.00			631.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION #/CODE : NEAR BUCYRUS, OHIO USGS NO. 04196000

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 1 1	1330	54.5	.260	.180	2.900	.120				21.10	38.00			647.
76 1 2	1330	52.7	.323	.240	2.600	.060				15.70	37.00			657.
76 1 3	1330	58.1	.260	.190	2.200	.250				15.70	43.00			670.
76 1 4	1300	66.1	.515	.380	2.500	.540				20.50	45.00			676.
76 1 4	1600	71.2	.463	.320	2.500	.170				30.70	47.00			670.
76 1 4	700	279.0	.532	.120	1.700	.120				350.00	36.00			504.
76 1 4	1300	1110.0	.988	.110	1.900	.180				707.00	28.00			396.
76 1 4	1900	1585.0	.989	.080	2.000	.340				712.00	21.00			299.
76 1 5	100	1770.0	.689	.080	2.300	.140				416.00	19.00			277.
76 1 5	700	1494.0	.542	.080	2.400	.150				304.00	20.00			304.
76 1 5	1300	889.0	.559	.090	2.500	.180				286.00	21.00			330.
76 1 5	1900	829.5	.548	.080	2.500	.120				296.00	20.00			339.
76 1 6	100	676.0	.636	.060	2.400	.110				362.00	22.00			354.
76 1 6	700	450.4	.505	.070	2.500	.090				271.00	22.00			373.
76 1 6	1300	320.4	.453	.090	2.500	.160				205.00	23.00			393.
76 1 6	1900	261.0	.383	.110	2.400	.190				135.00	24.00			416.
76 1 7	100	218.6	.352	.100	2.400	.190				109.00	25.00			435.
76 1 7	700	188.0	.298	.080	2.400	.200				64.10	25.00			453.
76 1 7	1300	170.0	.289	.090	2.400	.230				72.60	26.00			474.
76 1 7	1900	151.0	.310	.120	2.300	.350				52.10	27.00			496.
76 1 8	100	135.6	.300	.130	2.300	.380				54.80	27.00			505.
76 1 8	700	122.0	.267	.110	2.300	.310				47.70	28.00			516.
76 1 8	1900	117.0	.358	.150	3.000	.030		.800		36.80	37.00		2.80	557.
76 1 9	1900	86.0	.338	.160	3.000	.030		.900		23.10	36.00		1.80	587.
76 1 10	1300	94.8	.530	.280	2.700	.570		1.900		25.10	41.00		1.60	588.
76 1 11	1300	88.4	.331	.140	2.200	.490		1.100		25.00	40.00		1.50	622.
76 1 12	1900	83.4	.274	.140	1.500	.560		1.100		15.40	44.00		1.10	617.
76 1 13	1900	233.5	.401	.050	2.100	.230		1.503		165.00	33.00		9.50	635.
76 1 14	1900	117.0	.269	.080	2.300	.330		1.300		57.10	33.00		3.60	475.
76 1 15	1300	98.0	.333	.090	2.200	.330		1.400		28.20	35.00		2.10	560.
76 1 16	1900	86.0	.510	.260	2.900	.220		.700		32.20	73.00			774.
76 1 17	1900	71.2	.441	.260	2.900	.650		.700		13.50	42.00			642.
76 1 18	1900	65.0	.490	.360	1.700	.960		2.500		17.20	43.00			661.
76 1 19	1900	101.6	.299	.180	1.400	.450		1.800		22.70	42.00			634.
76 1 20	1900	90.0	.393	.210	1.300	.830		1.800		27.20	37.00			612.
76 1 21	100	142.0	.789	.120	1.200	.370				313.00	41.00			

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR BUCYRUS, OHIO USGS NO. 04196000

SAMPLING DATE	TIME	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 * 21	[illegible]	[illegible]	[illegible]	.240	1.800	.180		2.700		338.00	31.00			474.
76 * 22 1	[illegible]	[illegible]	.888	.740	2.100	.110				522.00	28.00			411.
76 * 22 100	[illegible]	[illegible]	.430	[illegible]	2.500	.150		4.500		416.00	22.00			323.
76 * 22 [illegible]	[illegible]	[illegible]	.770	[illegible]	2.600	.330		2.400		289.00	22.00			337.
76 * 22 7	[illegible]	[illegible]	.580	.250	2.700	.270		2.400		169.00	22.00			363.
76 * 22 [illegible]	[illegible]	[illegible]	.440	.240	2.800	.350				114.00	24.00			400.
76 * 22 [illegible]	[illegible]	[illegible]	.430	.130	2.900	.070				110.00	25.00			423.
76 [illegible]	[illegible]	[illegible]	.387	.120	2.700	.050				88.30	25.00			450.
76 * 23	700	144.0	.289	.090	2.700	.060				72.70	26.00			469.
76 * 23	1300	131.0	.297	.110	2.700	.020				56.40	27.00			497.
76 * 23	1900	120.0	.287	.130	2.700	.010				44.60	28.00			509.
76 * 24	1900	92.0	.446	.240	2.400	.110				25.20	32.00			570.
76 * 25	1900	76.7	.457	.250	1.700	.250				22.60	32.00			595.
76 * 26	1900	67.0	.417	.280	1.000	.920				14.80	33.00			596.
76 * 27	1900	67.0	.318	.170	.080	.680				9.70	34.00			603.
76 * 28	1900	71.2	.259	.130	.070	.520				10.90	34.00			599.
76 * [illegible]	[illegible]	[illegible]	.231	.150	.080	.550				8.30	38.00			636.
76 * [illegible]	[illegible]	[illegible]	.518	.350	.950	1.000				14.30	38.00			649.
76 * [illegible]	[illegible]	[illegible]	.776	.320	.900	.960				13.40	38.00			634.
76 * [illegible]	[illegible]	[illegible]	.715	.450	.750	1.000				23.50	39.00			644.
76 8 [illegible]	[illegible]	[illegible]	.526	.500	.400	.920				15.60	38.00			650.
76 8 2	[illegible]	[illegible]	.404	.160	1.050	1.000				36.50	36.00			622.
76 8 3	[illegible]	[illegible]	.301	.160	1.200	.490				17.70	37.00			611.
76 8 4	[illegible]	175.0	.259	.150	1.350	.580				15.40	33.00			586.
76 8 5	[illegible]	75.6	.254	.160	1.200	.630				14.00	34.00			615.
76 8 6	[illegible]	[illegible]	.622	.400	1.300	1.010				19.50	36.00			618.
76 8 6	[illegible]	56.4	.596	.380	1.000	1.120				17.50	35.00			632.
76 8 7	[illegible]	43.7	.526	.360	.830	1.530				12.80	34.00			629.
76 8 [illegible]	[illegible]	[illegible]	.585	.400	.600	1.680				8.60	36.00			658.
76 8 [illegible]	[illegible]	[illegible]	.555	.380	.400	1.980				7.60	37.00			657.
76 8 [illegible]	[illegible]	[illegible]	.500	.340	.400	1.690				14.40	36.00			652.
76 8 11	[illegible]	[illegible]	.330	.160	.400	1.080				28.20	36.00			644.
76 8 12	[illegible]	29.1	.375	.230	.400	1.360				19.50	37.00			686.
76 8 13	[illegible]	[illegible]	.836	.630	3.700	.120				13.70	41.00			681.
76 8 14	[illegible]	[illegible]	.803	.660	3.400	.020				9.90	44.00			780.
76 8 14	[illegible]	[illegible]	.934	.680	3.500	.070				11.30	43.00			700.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION & CODE : NEAR FOSTORIA, OHIO USGS NO. 04196000

SAMPLING DATE YR MO DY	TIME	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 4 15	1300	24.5	.931	.735	3.600	.160				12.00	45.00			726.
76 4 16	1400	25.2	.826	.647	2.100	2.000				11.40	43.00			723.
76 4 17	100	22.1	.840	.640	.600	2.000				10.00	44.00			765.
76 4 1	1300	20.4	.767	.611	.200	2.000				11.30	44.00			733.
76 4 19	1500	21.6	.916	.700	.100	2.000				12.90	46.00			782.
76 4 19	1900	19.8	1.140	.830	4.300	.110				13.60	45.00			768.
76 4 2	1900	21.2	1.020	.740	3.800	.070				10.40	44.00			745.
76 4 21	1900	29.8	.998	.600	.700	2.000				24.30	42.00			638.
76 4 22	1900	34.0	.529	.350	2.000	.230				9.10	43.00			731.
76 4 23	1900	17.4	.625	.420	.800	2.000				9.40	45.00			752.
76 4 24	1900	15.6	.796	.560	.500	2.000				8.70	46.00			744.
76 4 25	1900	27.7	.990	.563	.500	2.000				13.10	51.00			725.
76 4 26	1300	30.5	.731	.410	.500	2.000				15.40	48.00			779.
76 4 7	1900	19.2	.783	.600	1.100	2.000				10.70	54.00		.70	754.
76 4 28	1900	19.2	.947	.790	1.150	2.000				6.90	54.00		.90	764.
76 4 2	1900	12.2	.827	.810	1.150	2.000				11.10	58.00		.60	804.
76 4 3	1900	10.6	.955	.850	.900	2.000				10.30	56.00		.70	810.
76 5 1	1900	10.2	.929	.810	.600	2.000				8.10	54.00		.90	811.
76 5 2	1900	15.6	.787	.555	.500	2.000				9.20	52.00		.80	781.
76 5 3	1300	11.8	1.040	.960	.500	2.000				8.00	48.00		.70	725.
76 5 3	1445	11.4	2.000	.947	5.600	2.000				9.70	63.00			797.
76 5 4	1445	11.4	.850	.726	4.500	2.000				6.60	59.00			792.
76 5 5	1445	9.8	.810	.750	2.500	2.000				10.00	69.00			860.
76 5 6	1445	8.2	.740	.694	1.000	2.000				12.10	63.00			840.
76 5 7	1445	14.2	.594	.594	.900	2.000				13.70	61.00			749.
76 5 8	1445	13.4	.551	.551	.800	2.000				11.30	59.00			794.
76 5 9	1445	11.4	.577	.577	.700	2.000				7.30	60.00			805.
76 5 10	1445	7.4	1.070	.970	.500	2.000				7.80	62.00			831.
76 5 10	1900	11.2	1.960	1.550	9.000					7.70	66.00			821.
76 5 11	1900	8.7	1.910	1.570	4.700	1.600				8.30	65.00			756.
76 5 12	1900	6.4	1.630	1.230	3.200	1.900				8.80	70.00			839.
76 5 13	1900	5.4	1.280	.990	2.500	2.180				6.10	75.00			878.
76 5 14	1900	5.5	1.300	1.020	1.300	2.650				7.50	75.00			902.
76 5 15	1900	6.1	1.560	1.250	.600	3.200				8.60	69.00			919.
76 5 16	1900	6.4	1.250	.950	.400	2.600				8.40	60.00			784.
76 5 17	1900	8.2	1.970	1.510	.300	2.990				8.80	63.00			842.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR BUCYRUS, OHIO USGS NO. 04196000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	5	17	1900	15.0	1.820	1.520		.210				6.00	62.00			766.
76	5	18	1900	22.4	.582	.400		.030				2.90	52.00			739.
76	5	19	1900	15.0	.585	.440		.360				3.30	59.00			779.
76	5	20	1900	12.0	.679	.430		1.280				2.60	59.00			782.
76	5	21	1900	11.1	.670	.430		2.000				1.40	74.00			843.
76	5	22	1900	9.0	.430	.250		2.000				.50	68.00			815.
76	5	23	1900	7.8	.397	.210		2.000				.50	68.00			829.
76	5	24	1900	7.0	.394	.220		2.000				.40	69.00			862.
76	6	7	1900	14.6	1.130	.890	11.300	.060				10.00	56.00			810.
76	6	8	100	14.4	2.000	2.000	10.900	.040				12.50	57.00			816.
76	6	8	700	13.0	1.840	.510	8.400	.050				14.80	56.00			797.
76	6	8	1300	14.2	.630	.620	8.600	.060				14.80	58.00			784.
76	6	8	1900	12.6	.760	.610	8.500	.060				7.70	57.00			809.
76	6	9	100	12.6	2.000	2.000	8.400	.070				13.10	57.00			813.
76	6	9	700	11.0	.727	.530	7.200	.070				16.10	59.00			806.
76	6	9	1300	12.6	.349	.240	6.500	.060				13.40	58.00			806.
76	6	9	1900	12.7	.510	.220	7.300	.060				9.20	64.00			831.
76	6	10	100	6.7	2.000	1.800	8.300	.070				10.70	65.00			835.
76	6	10	700	6.7	2.000	2.000	8.200	.070				49.70	70.00			859.
76	6	11	1300	6.7	.895	.630	6.500	.060				56.50	65.00			838.
76	6	11	1900	6.4	.474	.330	7.700	.070				19.60	69.00			852.
76	6	11	1900	4.7	.546	.370	6.200	2.000				20.20	67.00			849.
76	6	12	1900	3.9	.699	.520	5.900	2.000				12.60	70.00			861.
76	6	13	1900	3.3	1.260	.900	.800	2.000				12.10	62.00			802.
76	6	14	1300	3.5	1.100	.760	.400	2.000				7.20	66.00			865.
76	6	14	1900	3.7	.398							6.80				830.
76	6	15	1900	7.4	.387							4.10				758.
76	6	16	1900	13.8	.420	.420	6.800	.030				4.00	63.00			575.
76	6	17	1900	10.0	.970	.970	2.700	2.300				6.80	50.00			731.
76	6	18	1900	10.6	.860	.860	4.000	.090				3.90	55.00			792.
76	6	19	1900	33.0	.640	.640		2.000				113.00	38.00			506.
76	6	20	100	270.0	.420	.250		.690				325.00	43.00			610.
76	6	20	700	441.0	.435	.230		.210				824.00	35.00			561.
76	6	20	1300	470.0	.390	.170	6.700	.310				204.00	29.00			498.
76	6	20	1900	215.0	.384		14.900					72.80				595.
76	6	21	100	102.0	.38		15.800					36.50				618.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION #/CODE : NEAR BUCYRUS, OHIO USGS NO. 04196000

SAMPLING DATE YR MO DY	TIME HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO2-2 NO3 MG/L	NH3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 6 21	700	111.0	.379		17.600					92.60				631.
76 6 21	1300	89.6	.377	.20	17.400	.370				55.90	36.00			660.
76 6 21	1900	71.0	.461	.280	20.000					80.00	39.00			674.
76 6 22	100	58.1	.454	.240	20.000	.010				47.00	40.00			682.
76 6 22	700	49.1	.503	.160	19.800	.010				48.60	39.00			684.
76 6 22	1300	43.7	.621	.290	18.600	.030				55.00	43.00			706.
76 6 22	1900	39.2	.500	.410	18.200	.070				27.30	43.00			712.
76 6 23	100	33.7	.670	.670	16.000	.010				34.80	46.00			726.
76 6 23	700	27.7	.460	.140	17.400	.010				31.70	44.00			721.
76 6 23	1300	24.0	.540	.500	16.100	.010				26.90	48.00			740.
76 6 23	1900	23.4	1.230	1.230	16.600	.010				21.20	47.00			742.
76 6 24	100	21.9	.357	.280	16.100	.050				24.00	46.00			744.
76 6 24	700	25.2	.421	.421	14.400	.010				29.80	47.00			735.
76 6 24	1300	49.0	.620	.621	8.700	1.300				53.80	40.00			597.
76 6 24	1900	65.0	.500	.500	1.700	1.710				47.30	43.00			522.
76 6 25	100	47.7	.323	.201	8.600	.450				30.70	43.00			627.
76 6 25	700	167.0	.321	.240	13.200	.100				179.00	38.00			671.
76 6 25	1300	202.0	.346	.280	12.000	.070				192.00	39.00			656.
76 6 25	1900	169.0	.329	.260	14.000	.170				148.00	36.00			600.
76 6 26	100	119.0	.329	.170	16.600	.250				117.00	39.00			641.
76 6 26	700	88.4	.385	.180	17.600	.170				86.50	39.00			655.
76 6 26	1300	70.1	.393	.390	17.400	.350				74.30	40.00			671.
76 6 26	1900	56.3	.480	.480	17.200	.750				52.00	42.00			686.
76 6 27	100	46.4	.421	.160	16.600	.710				41.50	43.00			695.
76 6 27	700	38.0	.439	.19	16.100	.380				45.10	41.00			688.
76 6 27	1300	34.7	.441	.35	15.300	.740				35.70	43.00			705.
76 6 27	1900	35.1	.59	.59	14.600	1.000				26.70	44.00			711.
76 6 28	100	35.1	.55	.55	14.100	1.950				24.20	45.00			735.
76 6 28	700	31.6	.781	.781	13.400	1.430				55.40	43.00			722.
76 6 28	1300	34.	.780	.780	13.500	1.640				33.30	45.00			685.
76 6 28	1900	31.6	1.260	1.260	14.200	2.000				18.10	49.00			661.
76 6 29	100	33.1	.631	.631	11.800	.360				17.80	49.00			728.
76 6 29	700	40.	.930	.700	8.900	.250				22.00	47.00			688.
76 7 1	1300	58.1	.816	.640	7.100	.470				24.00	48.00			709.
76 7 1	1900	80.4	.417	.50	4.500	.620				14.70	54.00			757.
76 7 2	100	85.	.514	.240	3.800	1.240				14.30	52.00			733.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR BUCYRUS, OHIO USGS NO. 04196000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	7	4	1900	12.6	.574	.440	5.000	1.840				13.70	53.00			768.
76	7	5	1300	10.6	1.090	.480	2.800	2.000				23.80	52.00			765.
76	7	5	1900	10.2	1.610	1.040	7.900	.020				10.70	56.00		.50	778.
76	7	6	100	9.4	1.780	1.420	7.400	.030				14.10	55.00		.60	775.
76	7	6	700	7.4	2.000	1.640	6.300	.020				25.30	55.00			783.
76	7	6	1300	8.8	1.030	.780	5.300	.020				14.10	55.00		.60	776.
76	7	6	1900	9.0	1.060	.810	6.700	.030				12.20	61.00		.40	812.
76	7	7	100	64.0	1.120	.420	1.800	.030				222.00	34.00		5.00	428.
76	7	7	700	13.4	1.010	.730	5.000	.020				64.60	47.00		1.90	577.
76	7	7	1300	15.0	.689	.640	4.600	.020				30.10	55.00		1.00	656.
76	7	7	1900	11.0	.750	.750	3.900	.020				23.10	50.00		.60	685.
76	7	8	100	8.6	2.000	2.000	4.800	.070				19.90	61.00		.70	787.
76	7	8	700	443.9	.933	.180	3.300	.130				163.00	22.00		24.00	370.
76	7	8	1300	751.4	1.180	.170	4.300	.080				910.00	26.00		24.00	429.
76	7	8	1900	1154.0	1.010	.140	4.100	.070				661.00	18.00		20.00	299.
76	7	9	100	1186.0	.699	.140	5.900	.080				36.60	16.00		14.00	294.
76	7	9	700	605.5	.519	.130	6.200	.060				224.00	18.00		10.00	333.
76	7	9	1300	374.0	.454	.150	6.500	.190				153.00	19.00		8.00	363.
76	7	9	1900	243.0	.433	.190	6.600	.080				137.00	22.00		6.00	404.
76	7	10	100	179.0	.370	.160	6.300	.110				11.80	23.00		5.00	438.
76	7	10	700	142.6	.594	.230	6.300	.300				106.00	25.00		5.00	464.
76	7	10	1300	118.3	.397	.190	5.900	.190				78.60	26.00		4.00	486.
76	7	10	1900	98.0	.415	.250	5.600	.150				72.50	27.00		4.00	503.
76	7	11	100	82.4	.317	.180	5.200	.140				55.90	28.00		4.00	519.
76	7	11	700	69.0	.301	.160	5.100	.130				58.50	29.00		3.50	527.
76	7	11	1300	61.0	.344	.210	4.800	.170				48.90	30.00		3.00	544.
76	7	11	1900	53.6	.410	.290	4.700	.220				36.00	30.00		2.00	554.
76	7	12	100	47.2	.495	.370	4.500	.270				31.80	31.00		2.00	567.
76	7	12	700	40.4	.430	.350	4.300	.210				62.00	31.00		2.50	574.
76	7	12	1300	41.0	.545	.380	4.300	.180				38.60	33.00		3.00	590.
76	7	12	1900	34.2	.714	.590	5.400	.020				27.60	38.00			607.
76	7	13	100	27.7	.470	.380	4.400	.060				36.50	38.00			615.
76	7	13	1900	25.2	.595	.510	5.300	.520				27.10	40.00			636.
76	7	13	700	19.8	.786	.680	4.400					29.10	41.00			642.
76	7	14	1900	18.6	.458	.39	5.100	.060				22.20	44.00			669.
76	7	15	700	14.6	.838	.690	4.700					19.70	52.00			696.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION A/CODE : NEAR BUCYRUS, OHIO USGS NO. 04196000

SAMPLING DATE YR MO DY	TIME 24 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO+2 NO+3 MG/L	NH+3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 6 21	700	111.*	.575		17.600					92.60				631.
76 6 21	1300	89.6	.377	.20	19.400	.370				55.90	36.00			660.
76 6 21	1900	71.2	.461	.280	20.000					80.00	39.00			674.
76 6 22	100	58.1	.454	.240	20.000	.010				47.00	40.00			682.
76 6 22	700	49.1	.503	.160	19.800	.010				48.60	39.00			684.
76 6 22	1300	43.7	.621	.290	18.600	.030				55.00	43.00			706.
76 6 22	1900	38.2	.500	.410	18.200	.070				27.30	43.00			712.
76 6 23	100	33.*	.670	.670	16.000	.010				34.80	46.00			726.
76 6 23	700	27.7	.460	.140	17.400	.010				31.70	44.00			721.
76 6 23	1300	34.0	.545	.540	16.100	.010				26.90	48.00			740.
76 6 23	1900	23.4	1.230	1.230	16.600	.010				21.20	47.00			742.
76 6 24	100	21.0	.357	.280	16.100	.050				24.00	46.00			744.
76 6 24	700	25.2	.420	.420	14.400	.010				29.80	47.00			735.
76 6 24	1300	48.2	.620	.620	8.700	1.300				53.80	40.00			597.
76 6 24	1900	65.0	.500	.500	1.700	1.710				97.30	43.00			522.
76 6 25	100	47.*	.323	.200	8.600	.450				30.70	43.00			627.
76 6 25	700	167.0	.321	.240	10.200	.100				179.00	38.00			671.
76 6 25	1300	202.4	.346	.280	12.000	.070				192.00	39.00			656.
76 6 25	1900	159.5	.324	.260	14.000	.170				148.00	36.00			600.
76 6 26	100	119.6	.328	.170	16.600	.250				117.00	39.00			641.
76 6 26	700	88.4	.383	.180	17.600	.170				86.50	39.00			655.
76 6 26	1300	70.1	.393	.390	17.400	.350				74.30	40.00			671.
76 6 26	1900	56.3	.480	.480	17.200	.750				52.00	42.00			686.
76 6 27	100	46.4	.421	.160	16.600	.710				41.50	43.00			695.
76 6 27	700	38.2	.409	.190	16.100	.380				45.10	41.00			688.
76 6 27	1300	34.7	.441	.350	15.300	.740				35.70	43.00			705.
76 6 27	1900	29.*	.59	.590	14.800	1.090				26.70	44.00			711.
76 6 [illegible]	100	25.*	.55	.550	14.100	1.950				24.20	45.00			730.
76 6 28	700	21.6	.780	.760	13.400	1.430				35.40	43.00			722.
76 6 [illegible]	1300	34.*	.780	.760	10.500	1.640				33.30	45.00			685.
76 6 28	1900	21.*	1.260	1.060	12.200	2.000				18.10	49.00			661.
76 6 29	1900	23.4	.891	.630	11.300	.360				17.80	49.00			728.
76 6 30	1900	30.5	.896	.700	8.000	.250				22.00	47.00			688.
76 7 1	1900	29.1	.816	.640	7.100	.470				24.00	48.00			709.
76 7 2	1900	20.4	.617	.500	4.500	.620				14.70	54.00			757.
76 7 3	1900	15.*	.314	.240	5.800	1.240				14.30	52.00			733.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR BUCYRUS, OHIO USGS NO. 04196000

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 7 4	1900	12.6	.574	.440	3.000	1.840				13.70	53.00			768.
76 7 5	1500	10.6	1.090	.480	2.800	2.000				23.80	52.00			765.
76 7 5	1900	10.2	1.610	1.040	7.900	.020				10.70	56.00		.50	778.
76 7 6	100	9.4	1.780	1.420	7.400	.030				14.10	55.00		.60	775.
76 7 6	700	7.4	2.000	1.640	6.300	.020				25.30	55.00			783.
76 7 6	1300	9.8	1.030	.780	5.300	.020				14.10	55.00		.60	776.
76 7 6	1900	9.0	1.060	.810	6.700	.030				12.20	61.00		.40	812.
76 7 7	100	64.0	1.120	.420	1.800	.030				222.00	34.00		5.00	428.
76 7 7	700	13.4	1.010	.730	5.000	.020				64.60	47.00		1.90	577.
76 7 7	1300	15.0	.689	.640	4.600	.020				30.10	55.00		1.00	656.
76 7 7	1900	11.0	.750	.750	3.900	.020				23.10	50.00		.60	685.
76 7 8	100	8.6	2.000	2.000	4.800	.070				19.90	61.00		.70	787.
76 7 8	700	443.9	.933	.180	3.300	.130				163.00	22.00		24.00	370.
76 7 8	1300	751.4	1.180	.170	4.300	.080				910.00	26.00		24.00	429.
76 7 8	1900	1154.0	1.010	.140	4.100	.070				661.00	18.00		20.00	299.
76 7 9	100	1186.0	.699	.140	5.900	.080				36.60	16.00		14.00	294.
76 7 9	700	645.5	.515	.130	6.200	.060				224.00	18.00		10.00	333.
76 7 9	1300	374.0	.454	.150	6.300	.100				153.00	19.00		8.00	363.
76 7 9	1900	243.0	.433	.190	5.600	.080				137.00	22.00		6.00	404.
76 7 10	100	179.0	.370	.160	6.300	.110				11.80	23.00		5.00	438.
76 7 10	700	142.6	.594	.230	6.300	.330				106.00	25.00		5.00	464.
76 7 10	1300	118.3	.397	.190	5.900	.190				78.60	26.00		4.00	486.
76 7 10	1900	98.0	.415	.250	5.600	.150				72.50	27.00		4.00	503.
76 7 11	100	82.4	.317	.180	5.200	.140				55.90	28.00		4.00	519.
76 7 11	700	69.0	.301	.160	5.100	.130				58.50	29.00		3.50	527.
76 7 11	1300	61.0	.344	.210	4.800	.170				48.90	30.00		3.00	544.
76 7 11	1900	53.6	.417	.290	4.700	.220				36.00	30.00		2.00	554.
76 7 12	100	47.3	.495	.370	4.500	.270				31.80	31.00		2.00	567.
76 7 12	700	40.4	.483	.350	4.300	.210				62.00	31.00		2.50	574.
76 7 12	1300	41.0	.545	.380	4.300	.180				38.60	33.00		3.00	590.
76 7 12	1900	34.0	.714	.590	5.400	.020				27.60	38.00			607.
76 7 13	700	27.7	.470	.380	4.400	.060				36.50	38.00			615.
76 7 13	1900	25.2	.595	.510	5.300	.520				27.10	40.00			636.
76 7 14	700	19.8	.786	.680	4.400					29.10	41.00			662.
76 7 14	1900	18.6	.458	.39	5.100	.060				22.20	44.00			669.
76 7 15	700	14.8	.838	.690	4.700					19.70	52.00			696.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR BUCYRUS, OHIO USGS NO. 04196000

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 7 15	1900	14.6	.637	.530	5.200					93.40	51.00			706.
76 7 16	700	12.6	1.250	.840	3.700	.020				20.90	40.00			691.
76 7 16	1900	33.3	.766	.520	1.100	1.000				98.80	38.00			493.
76 7 17	700	40.3	.530	.420	2.500	.240				29.00	37.00			644.
76 7 17	1900	25.2	.831	.690	3.100	.650				37.50	41.00			626.
76 7 18	700	18.0	.686	.590	2.900	.750				36.70	45.00			650.
76 7 18	1900	14.2	1.000	.830	4.000	.360				24.60	48.00			650.
76 7 19	700	11.8	1.190	.950	4.100	1.080				29.90	42.00			598.
76 7 19	1300	13.0	1.380	1.130	5.100	.500				31.20	45.00			623.
76 7 19	1500	12.2	1.530	1.220	5.400	.380				31.80	47.00			643.
76 7 19	1700	11.0	1.550	1.250	5.500	.390				28.90	50.00			671.
76 7 19	1900	8.6	1.490	1.220	5.300	.720				26.80	50.00			680.
76 7 19	2100	7.4	1.670	1.340	4.900	1.300				19.50	51.00			690.
76 7 19	2300	6.1	1.850	1.510	4.600	1.830				23.00	52.00			708.
76 7 20	100	5.6	2.000	1.770	3.900	2.000				24.50	54.00			726.
76 7 20	300	5.0	2.000	2.000	3.200	2.000				25.10	55.00			745.
76 7 19	500	3.9	2.000	2.000	2.600	2.000				23.40	58.00			768.
76 7 20	700	3.7	2.000	2.000	2.100	2.000				22.10	60.00			778.
76 7 20	900	3.9	2.000	2.000	2.000	2.000				21.20	61.00			781.
76 7 20	1100	4.7	2.000	2.000	2.000	2.000				17.70	60.00			769.
76 7 20	1300	5.3	2.000	2.000	2.400	2.000				15.20	60.00			761.
76 7 20	1500	5.0	2.000	1.760	2.900	1.260				12.30	62.00			765.
76 7 20	1700	5.0	2.000	1.660	3.600	1.250				13.10	64.00			779.
76 7 20	1900	4.4	2.000	1.670	4.000	1.270				12.40	64.00			784.
76 7 20	2100	4.4	2.000	1.740	4.300	1.840				14.20	64.00			784.
76 7 20	2300	4.1	2.000	1.860	4.100	2.000				15.10	64.00			789.
76 7 21	100	3.9	2.000	2.000	3.300	2.000				15.00	64.00			790.
76 7 21	300	3.5	2.000	2.000	2.300	2.000				13.30	66.00			807.
76 7 21	500	3.1	2.000	2.000	1.600	2.000				12.30	67.00			823.
76 7 21	700	2.6	2.000	2.000	1.200	2.000				10.30	70.00			834.
76 7 21	900	2.8	2.000	2.000	1.000	2.000				13.20	71.00			845.
76 7 21	1100	3.0	2.160	1.550	2.500	2.000		2.400		20.70	75.00			824.
76 7 21	1300	4.1	2.830	1.820	2.900	2.000		2.800		21.90	78.00			815.
76 7 21	1500	4.4	2.740	1.840	2.200	2.000		1.500		20.50	81.00			817.
76 7 21	1700	4.1	2.510	1.330	.600	2.000		1.100		22.50	52.00			822.
76 7 21	1900	3.9	2.270	1.240	.600	1.950		.800		24.00	49.00			829.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR BUCYRUS, OHIO USGS NO. 04196000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	7	21	2100	3.9	2.170	1.370	.600	2.000		.700		27.30	52.00			823.
76	7	21	2300	3.7	2.110	1.400	.600	2.000		.300		26.00	54.00			811.
76	7	22	100	3.5	2.340	2.000	.700	2.000		.300		26.80	48.00			808.
76	7	22	300	3.3	2.990	2.000	.900	1.040		.200		27.40	44.00			819.
76	7	22	500	2.8	3.460					.400		23.60				837.
76	7	22	700	2.6	3.860					.900		25.50				846.
76	7	22	900	2.6	4.120					1.400		34.70				856.
76	7	22	1100	3.5	3.910	1.800	1.600	2.000		2.000		33.90	72.00			852.
76	7	22	1300	4.1	3.220	1.840	1.600	2.000		2.300		21.80	69.00			832.
76	7	22	1500	4.1	2.710	1.780	1.800	2.000		1.600		18.50	70.00			825.
76	7	22	1700	3.9	2.500	1.670	2.500	2.000		1.100		17.50	72.00			829.
76	7	22	1900	3.7	2.280	1.540	3.000	1.920		.700		23.80	71.00			838.
76	7	22	2100	5.0	2.250	1.450	3.400	1.770		.500		18.90	71.00			876.
76	7	22	2300	19.8	2.970	1.470	3.400	2.000		.700		36.10	70.00		.30	877.
76	7	23	100	24.0	2.120	1.590	3.000	2.000		.300		42.20	70.00			610.
76	7	23	300	12.6	2.000	2.000	2.400	2.000		.300		36.00	72.00			555.
76	7	23	500	9.0	2.090	2.000	1.600	2.000		.500		27.70	71.00			573.
76	7	23	700	10.2	2.090	2.000	1.200	2.000				23.80	72.00			574.
76	7	23	1100	30.5	2.000	2.000	.800	2.000				29.10	73.00		.20	478.
76	7	23	1300	39.6	.436	.360	2.300	.020				35.20	40.00			471.
76	7	23	1600	46.4	.436	.330	1.600	.180				39.40	39.00			560.
76	7	23	1900	76.7	.456	.370	1.900	.040				62.10	39.00			584.
76	7	23	2200	138.4	.618	.310	1.600	.040				225.00	35.00			580.
76	7	24	100	162.5	.582	.260	1.600	.010				263.00	38.00			563.
76	7	24	400	148.2	.499	.290	1.900	.020				197.00	35.00			541.
76	7	24	700	412.0	.676	.220	1.800	.110				484.00	28.00			384.
76	7	24	1000	343.1	.658	.290	2.200	.050				379.00	28.00			410.
76	7	24	1300	309.4	.565	.220	2.000	.090				311.00	24.00			394.
76	7	24	1600	427.7	.597	.260	2.500	.020				313.00	24.00			396.
76	7	24	1900	598.0	.882	.210	2.300	.010				582.00	21.00			352.
76	7	24	2200	433.8	.721	.220	2.000	.020				493.00	21.00			329.
76	7	25	100	414.6	.606	.200	2.100	.020				351.00	19.00			308.
76	7	25	400	302.8	.527	.200	2.300					257.00	18.00			317.
76	7	25	700	229.7	.461	.210	2.400	.020				219.00	19.00			339.
76	7	25	1000	180.5	.471	.210	2.400					169.00	21.00			363.
76	7	25	1300	149.6	.424	.230	2.400	.050				155.00	22.00			377.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR BUCYRUS, OHIO USGS NO. 04196000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	7	25	1600	127.4	.484	.280	2.500	.200				124.00	23.00			397.
76	7	25	1900	111.8	.464	.280	2.500	.230				111.00	24.00			407.
76	7	25	2200	98.0	.466	.290	2.500	.200				96.70	25.00			421.
76	7	26	100	88.4	.497	.290	2.600	.090				82.30	26.00			432.
76	7	26	400	77.8	.560	.280	2.400	.040				70.00	26.00			435.
76	7	26	700	70.1	.434	.290	2.500	.040				78.50	28.00			453.
76	7	26	1000	65.0	.434	.300	2.600	.040				77.00	29.00			469.
76	7	26	1300	61.0	.436	.350	2.600	.060				64.10	31.00			488.
76	7	26	1900	56.9	.655	.550	4.100	.020				25.60	31.00			495.
76	7	27	700	60.0	.627	.520	3.000	.020				31.20	32.00			514.
76	7	27	1900	34.0	.682	.580	4.100	.040				17.20	33.00			525.
76	7	28	700	27.7	.588	.510	3.000	.040				23.40	39.00			569.
76	7	28	1900	34.0	.707	.600	4.300	.040				21.40	42.00			594.
76	7	29	700	25.8	.724	.600	3.100	.020				12.00	37.00			586.
76	7	29	1900	33.3	1.110	.880	2.300	1.320				25.60	40.00			576.
76	7	30	700	19.2	.887	.710	2.800	.470				13.50	38.00			556.
76	7	30	1900	18.6	.879	.730	4.100	.700				11.20	44.00			646.
76	7	31	700	15.6	.863	.720	2.300	.750				20.10	45.00			660.
76	7	31	1900	15.0	.830	.690	3.200	.460				22.80	45.00			682.
76	8	1	700	13.0	.993	.820	2.100	.830				14.40	44.00			669.
76	8	1	1900	12.6	.974	.810	3.300	.310				15.60	46.00			687.
76	8	2	700	11.0	1.240	1.040	3.700	1.320				19.70	47.00			699.
76	8	2	1300	12.6	1.450	1.000	4.300	.670				33.00	49.00			711.
76	8	2	1900	8.2	1.630	1.270	5.600	.050				29.60	74.00			758.
76	8	3	700	3.5	3.340	2.000	10.500	.060				24.10	74.00			773.
76	8	3	1900	4.7	2.320	1.730	6.300	.060				8.90	79.00			787.
76	8	4	700	2.6	3.970	2.000	9.300	1.590				16.30	77.00			796.
76	8	4	1900	3.7	2.320	1.590	8.300	.050				19.40	78.00			793.
76	8	5	700	2.2	4.750	2.000	5.100	2.000				26.60	83.00			849.
76	8	6	100	3.1	2.940	1.890	5.800	2.000				19.90	86.00			861.
76	8	6	1300	6.4	2.610	1.800	2.700	2.000				7.90	80.00			806.
76	8	6	1900	6.1	2.100	1.430	2.300					10.00	69.00			722.
76	8	7	700	11.8	3.630	2.000	.800					46.80	68.00			690.
76	8	7	1900	88.4	1.090	.560	1.400					59.60	40.00			509.
76	8	8	700	107.8	.547	.430	1.500					60.80	44.00			543.
76	8	8	1900	65.0	.735	.670	2.500					36.70	51.00			633.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR BUCYRUS, OHIO USGS NO. 04196000

SAMPLING DATE YR MO DY	TIME 2400	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO3-3 MG/L	NH4-N MG/L	CHG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 8 7	700	41.3	.688	.640	1.980					27.90	48.00			593.
76 8 8	1300	34.7	.624	.580	2.000					21.40	46.00			569.
76 8 9	1900	29.1	1.180	.980	6.000	.010				27.60	45.00			581.
76 8 10	700	19.8	.820	.720	3.000	.040				23.90	48.00			598.
76 8 10	1900	17.4	.780	.630	5.700	.020				20.20	53.00			649.
76 8 11	700	12.2	1.080	.820	3.900	.140				29.70	59.00			688.
76 8 11	1900	11.0	1.660	.830	5.400	.010				19.30	64.00			707.
76 8 12	700	8.6	1.540	1.180	5.200	.010				27.30	63.00			709.
76 8 12	1900	8.6	.769	.540	6.300	.050				19.20	64.00			725.
76 8 13	700	18.8	1.210	.970	3.200	1.050				20.70	54.00			579.
76 8 13	1900	11.8	.850	.690	2.100	1.100				15.90	61.00			616.
76 8 14	700	51.4	.371	.280	1.400	.240				33.40	46.00			621.
76 8 14	1300	180.5	.613	.250	1.300	.070				142.00	46.00			603.
76 8 14	1900	425.0	.931	.230	1.400	.070				455.00	18.00			353.
76 8 15	100	195.2	.570	.220	1.500	.130				217.00	20.00			399.
76 8 15	700	122.2	.472	.230	1.600	.160				142.00	13.00			368.
76 8 15	1300	89.6	.472	.270	1.800	.360				88.40	29.00			408.
76 8 15	1900	75.6	.467	.320	1.800	.550				76.10	31.00			433.
76 8 16	100	94.4	.472	.350	1.700	.460				83.90	32.00			459.
76 8 16	700	117.0	.469	.330	1.700	.260				75.70	33.00			467.
76 8 16	1300	87.2	.520	.400	1.800	.290				65.20	34.00			483.
76 8 16	1900	71.2	.796	.650	2.400	.060				63.70	37.00			489.
76 8 17	1900	36.1	.969	.790	3.100	.060				37.80	41.00			532.
76 8 18	1900	24.0	1.070	.790	4.500	.050				23.40	47.00			591.
76 8 19	1900	17.4	.834	.590	5.000	.090				22.80	52.00			633.
76 8 20	1900	10.2	.743	.510	5.200	.220				22.20	51.00			648.
76 8 21	1900	13.0	.523	.380	3.700	2.000				5.10	53.00			669.
76 8 22	1900	10.6	.329	.270	2.500	2.000				18.70	52.00			675.
76 8 23	1300	11.4	1.200	.81	1.800	2.000				41.00	50.00			686.
76 8 23	1900	9.4	2.000	1.79	2.700	2.000				26.20	59.00			720.
76 8 24	100	11.0	2.000	2.000	1.100	2.000				20.20	61.00			746.
76 8 24	700	5.1	2.000	2.000	.700	2.000				27.40	65.00			762.
76 8 24	1300	3.7	2.000	2.000	.700	2.000				27.10	67.00			757.
76 8 24	1900	2.8	2.000	2.000	1.000	2.000				19.70	76.00			807.
76 8 25	100	2.4	2.000	2.000	.800	2.000				16.50	79.00			844.
76 8 25	700	1.3	2.000	2.000	.500	2.000				14.30	79.00			879.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR BUCYRUS, OHIO USGS NO. 04196000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	9	1	1900	6.4	.780	.780	2.550	2.300				10.30	89.50			766.
76	9	2	100	4.1	3.420	3.420	2.950	4.660				9.50	92.50			785.
76	9	2	700	1.9	5.610	5.550	2.100	7.390				12.00	112.00			851.
76	9	2	1300	2.8	4.400	4.260	1.750	7.350				9.80	123.00			880.
76	9	2	1900	2.4	1.830	1.830	1.450	8.660				6.80	135.00			895.
76	9	3	100	3.9	2.060	2.060	1.350	10.000				7.80	135.00			914.
76	9	3	700	4.4	6.510	6.170	.950	10.000				12.60	117.00			910.
76	9	3	1300	6.4	1.650	1.650	.800	5.430				16.20	85.00			792.
76	9	3	1900	5.0	.755	.755	.950	7.180				10.00	93.00			806.
76	9	4	100	3.5	3.960	3.960	.800	10.000				15.50	96.50			856.
76	9	4	700	1.7	7.640	6.940	.350	10.000				13.80	100.00			898.
76	9	4	1300	2.4	7.640	6.960	.150	10.000				12.90	102.00			903.
76	9	4	1900	4.1	3.420	3.310	.350	10.000				9.50	106.00			898.
76	9	5	100	4.1	2.730	2.730	.400	10.000				7.70	112.00			914.
76	9	5	700	4.1	6.360	6.090	.300	10.000				20.00	117.00			972.
76	9	5	1300	5.0	1.940	1.940	.250	6.990				15.20	86.00			811.
76	9	5	1900	4.7	.700	.700	.350	7.120				10.10	89.00			827.
76	9	6	100	5.0	.638	.595	.400	8.140				12.80	84.50			835.
76	9	6	700	4.1	1.060	1.060	.450	9.540				14.90	84.50			839.
76	9	6	1300	5.8	1.040	1.040	.400	7.110				24.00	81.00			819.
76	9	6	1900	5.0	1.260	1.250	7.800	3.350				13.40	105.00			825.
76	9	7	1900	2.2	1.800	1.800	5.000	9.400				9.70	125.00			938.
76	9	8	1900	2.6	1.550	1.550	3.450	5.000				9.80	150.00			941.
76	9	9	1900	66.0	4.490	3.250	.350	8.000				193.00	100.00			789.
76	9	10	1900	13.4	1.010	.950	.450	4.950				15.20	75.00			682.
76	9	11	1900	11.4	.388	.370	.750	3.250				10.00	70.00			761.
76	9	12	1900	8.2	.507	.450	.700	4.350				11.10	85.00			808.
76	9	13	1300	6.4	1.950	1.950	.650	6.350				12.60	85.00			812.
76	9	13	1900	6.4	2.880	2.670	8.650	1.350				10.50	102.00			820.
76	9	14	1900	2.4	1.350	1.120	5.800	4.380				8.70	110.00			863.
76	9	15	1900	2.2	1.660	1.560	1.550	4.460				9.60	83.50			1085.
76	9	16	1900	11.2	1.040	.880	2.900	4.460				10.90	118.00			881.
76	9	17	1900	9.4	.965	.810	1.050	4.350				11.30	93.00			718.
76	9	18	1900	2.4	.955	.795	.550	6.310				12.00	111.00			833.
76	9	19	1900	4.1	1.450	1.250	.550	10.000				10.40	122.00			954.
76	9	20	1300	8.2	3.400	3.250	.550	10.000				18.10	103.00			906.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR BUCYRUS, OHIO USGS NO. 04196000

SAMPLING DATE YR MO DY	TIME 24 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 9 21	1900	5.2	3.470	2.600	3.150	4.840				9.10	111.00			744.
76 9 21	1900	3.3	1.160	.805	2.450	7.260				15.60	130.00			824.
76 9 22	1300	2.8	1.530	1.500	1.300	9.430				9.80	142.00			924.
76 9 23	1900	2.6	2.920	2.920	.650	10.000				10.00	159.00			976.
76 9 24	1900	3.1	3.040	2.880	.300	10.000				8.00	156.00			1004.
76 9 25	1900	2.4	5.210	4.520	.300	10.000				5.70	161.00			1040.
76 9 26	1900	31.4	1.380	.515	1.200	3.310				58.90	69.00			454.
76 9 27	1300	18.2	.649	.345	1.050	2.360				79.90	61.50			470.
76 9 27	1900	31.9	.890	.590	2.750	.485				29.50	75.00			651.
76 9 28	1900	19.2	.770	.520	2.400	.380				14.60	93.50			781.
76 9 29	1900	12.6	1.240	.730	1.950	2.820				14.50	93.50			755.
76 9 30	1900	5.8	.508	.505	1.450	5.260				9.30	110.00			833.
76 10 1	1900	4.7	.570	.570	1.400	7.480				6.70	127.00			875.
76 10 2	1900	3.7	.825	.550	.900	9.350				4.30	120.00			870.
76 10 3	1900	2.8	1.820	1.820	1.550	10.000				6.50	144.00			936.
76 10 4	1300	4.1	4.310	3.940	.750	10.000				7.60	138.00			985.
76 10 4	1900	3.5	6.280	4.670	1.150	10.000				8.20	152.00			984.
76 10 5	1900	3.5	4.220	3.340	1.150	10.000				5.00	162.00			978.
76 10 6	1900	8.2	8.380	6.210	.200	10.000				13.20	147.00			870.
76 10 7	1900	4.4	1.500	1.040	.650	6.990				2.20	129.00			776.
76 10 8	1900	3.8	1.290	.800	.350	9.490				6.10	167.00			923.
76 10 9	1900	7.4	1.240	.900	.500	5.280				12.50	112.00			680.
76 10 10	1900	4.4	.695	.350	.650	6.360				3.80	121.00			773.
76 10 11	1300	11.0	1.850	1.360	.450	4.600				7.80	108.00			798.
76 10 11	1900	8.6	2.250	2.250	1.400	5.360				2.90	121.00			799.
76 10 12	1900	5.6	1.300	1.300	1.000	10.000				2.80	132.00			865.
76 10 13	1900	4.7	2.740	2.740	.300	9.820				5.20	160.00			977.
76 10 14	1900	3.5	1.470	1.470	.300	9.790				4.00	200.00			1012.
76 10 15	1900	3.5	2.200	2.200	.300	10.000				3.60	170.00			978.
76 10 16	1900	7.1	3.800	3.800	.300	10.000				3.50	188.00			1020.
76 10 17	1900	2.6	4.650	4.650	.350	10.000				4.50	194.00			1063.
76 10 18	1300	5.3	2.750	2.710	.350	10.000				4.50	135.00		.21	943.
76 10 18	1900	4.1	3.960	3.960	.150	10.000				5.80	198.00		.21	942.
76 10 19	1900	7.4	3.360	3.200	.050	10.000				4.60	209.00		.70	1003.
76 10 20	1900	24.6	2.050	1.110		3.690				5.20	138.00		.22	623.
76 10 21	1900	17.4	.710	.705	.100	3.250				8.40	156.00		.28	795.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR BUCYRUS, OHIO USGS NO. 04196000

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 10 22	1900	9.4	.655	.575	.150	3.660				5.70	185.00		.18	900.
76 10 23	1900	6.4	1.240	1.120	.300	6.120				6.90	186.00		.30	898.
76 10 24	1900	11.8	1.310	1.050	.400	1.500				11.40	132.00		.28	550.
76 10 25	1300	33.8	6.930	.535	.200	1.760				21.60	154.00			762.
76 10 25	1900	29.8	1.330	.865	.750	2.370				14.20	63.50	5.95		795.
76 10 26	1900	25.2	1.070	.845	1.450	2.190				6.60	71.50	7.40		812.
76 10 27	1900	15.6	1.080	.925	1.150	3.370				6.20	66.50	6.40		791.
76 10 28	1900	10.6	1.480	1.250	1.350	5.110				4.50	80.50	8.45		855.
76 10 29	1900	14.0	1.700	1.420	1.200	5.880				6.10	85.00	8.15		871.
76 10 30	1900	12.2	1.120	.950	1.050	4.410				3.80	76.50	7.75		837.
76 10 31	1900	11.0	.800	.570	1.100	3.110				8.40	49.00	5.75		589.
76 11 1	1300	20.4	.680	.485	.850	2.630				5.60	58.00	7.30		773.
76 11 2	1300	22.2	.700	.470	1.100	2.210				8.50	84.00	7.85		793.
76 11 3	1300	15.0	.710	.535	1.100	2.360				6.20	74.50	6.90		798.
76 11 4	1300	12.6	.780	.715	1.350	2.760				4.90	86.00	7.15		823.
76 11 5	1300	11.4	.900	.710	1.300	3.060				6.10	79.00	7.05		837.
76 11 6	1300	9.8	1.230	1.020	1.000	3.740				5.60	79.50	6.90		838.
76 11 7	1300	6.4	1.650	1.310	.950	3.570				2.40	83.50	6.35		851.
76 11 8	1300	6.7	2.700	2.340	.700	6.850				4.70	75.50	6.65		862.
76 11 9	1900	5.8	3.310	3.290	.600	10.000				3.70	101.00	6.80		891.
76 11 9	1900	5.8	2.280	2.080	.450	8.370				1.40	107.00	6.85		915.
76 11 10	1900	5.6	.935	.800	.300	6.500				2.10	90.00	5.85		864.
76 11 11	1900	5.6	1.210	1.000	.350	8.440				2.50	103.00	5.85		905.
76 11 12	1900	6.4	1.270	1.070	.350	8.850				2.80	116.00	6.00		956.
76 11 13	1300	5.8	1.240	1.030	.250	8.630				4.00	93.00	4.85		906.
76 11 14	1900	5.6	2.160	1.040	.300	8.680				5.10	93.00	5.35		895.
76 11 15	1300	6.2	3.410	1.980	.400	8.990				4.80	88.50	5.40		942.
76 11 15	1900	4.8	4.080	3.870	.600	14.500				5.30	111.00			970.
76 11 16	100	8.0	6.380	6.380	.500	15.900				7.40	123.00			1016.
76 11 16	700	4.0	5.960	5.960	1.900	9.430				5.10	134.00			932.
76 11 16	1300	13.0	1.890	1.890	.500	7.260				6.80	116.00			926.
76 11 16	1900	9.2	1.230	1.160	.500	5.800				10.70	99.00			887.
76 11 17	100	7.0	3.610	3.610	.500	8.160				8.90	114.00			931.
76 11 17	700	6.0		3.700	.700	8.130				7.10	126.00			937.
76 11 17	1300	13.0	4.140	1.170	.500	4.700				5.40	107.00			899.
76 11 22	1900	8.0	6.320	5.050	1.900					33.40		4.90		2330.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR BUCYRUS, OHIO USGS NO. 04196000

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 11 23	1900	8.0	1.300	1.080	.300	5.790				8.30	135.00	3.40		920.
76 11 24	1900	8.0	16.000	1.920	.200	6.690				7.60	134.00	3.40		953.
76 11 25	1900	8.0	1.410	1.240	.300	5.120				6.50	115.00	6.90		898.
76 11 26	1900	13.0	2.570	2.210	.100	8.310				18.20	150.00	3.40		921.
76 11 27	1900	11.0	.900	.660	.200	3.590				8.80	121.00	2.40		854.
76 11 28	1900	17.0	.930	.690	.100	3.260				8.30	93.00	2.50		828.
76 11 29	1500	21.0	1.740	1.370	.600	5.040				10.50	124.00	3.90		959.
76 12 7	1300	14.0	1.380	.820	.900	3.490		5.960		18.40	204.00	4.50		1013.
76 12 8	1300	12.0	1.060	.700	.900	4.070		5.110		8.70	178.00	5.40		1042.
76 12 9	1300	13.0	1.430	1.040	.700	4.440		6.140		8.20	138.00	4.10		1036.
76 12 10	1300	11.0	1.750	1.370	.800	4.750		6.730		7.60	124.00	3.90		1008.
76 12 11	1300	10.0	1.810	1.450	1.100	4.940		7.000		6.70	165.00	3.50		1089.
76 12 12	1300	10.0	2.050	1.530	1.000	4.020		6.440		7.30	131.00	3.60		1012.
76 12 13	1300	11.0	2.430	1.600	1.100	5.000		7.360		9.00	141.00	4.00		1027.
76 12 14	100	8.0	3.640	.800	1.000	3.200		7.560		11.30	140.00	4.00		1088.
76 12 14	1300	10.0	2.430	2.380	1.300	5.940		8.080		8.10	173.00	3.40	.38	1088.
76 12 15	220	8.0	3.150	2.720	.400	8.280		11.900		15.90	148.00	3.00	.54	1082.
76 12 15	1540	10.0	2.220	2.070	.500	5.590		7.900		9.50	142.00	2.90	.44	1024.
76 12 16	500	7.0	2.600	2.380	.400	7.040		10.700		14.00	156.00	2.60	.64	1058.
76 12 16	1920	8.0	2.170	1.940	.500	6.090		8.860		9.20	148.00	2.60	.34	1014.
76 12 17	840	2.0	4.930	4.200		14.100		21.400		19.90	152.00	3.70	.45	1085.
76 12 17	2200	4.0	2.730	2.340	.300	8.660		13.400		9.20	154.00	2.60	.37	1070.
76 12 18	800	2.0	5.540	4.520		14.400		21.700		22.70	180.00	4.00	.57	1167.
76 12 20	1300	20.0	2.410	1.620	.900	2.470		9.720		22.30	251.00			1046.
76 12 21	1300	12.0	1.540	1.110	.900	4.480				10.00	200.00	5.40		1033.
76 12 22	1300	6.0	2.360	1.670	.800	6.950		5.940		9.20	173.00	4.90		997.
76 12 23	1300	6.0	2.250	1.620	.800	6.180		8.410		7.10	153.00	4.90		966.
76 12 24	1300	3.0	3.950	2.950	.700	10.600		14.600		2.90	181.00	6.30		1063.
76 12 25	1300	2.0	5.710	4.600	.400	15.600		21.000		11.20	187.00	7.40		1080.
76 12 26	1300	3.0	2.280	1.890	.700	9.420		12.700		6.70	149.00	8.40		996.
76 12 27	700	6.0	2.940	2.260	.700	11.200		15.200		10.00	293.00	5.20		1303.
76 12 27	1900	10.0	2.460	1.990	1.300	8.850		14.400		9.70	236.00	4.80		1208.
76 12 28	1900	4.0	4.370	4.070	.800	14.200		19.800		8.90	234.00	7.30		1217.
76 12 29	1900	3.0	3.830	3.660	.600	13.300		18.200			243.00	6.70		1234.
76 12 30	1900	10.0	2.130	1.870	1.100	7.000		10.900		8.00	164.00	4.50		1068.
76 12 31	1900	3.0	3.800	3.490	.800	11.100		18.100		9.40	211.00	6.30		1133.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR BUCYRUS, OHIO USGS NO. 04196000

SAMPLE DATE YR MO DY	TIME 24 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 1 1	1900	1.9	5.510	4.690	.700	14.900		21.300		11.10	186.00	6.80		1115.
77 1 2	1900	4.7	5.340	4.460	.600	17.200		20.000		14.90	178.00	7.20		1103.
77 1 3	1900	2.4	6.270	5.540	.500	20.000		20.000		16.90	185.00	8.00		1164.
77 1 4	1900	2.4	5.950	4.850	.600	19.300				13.90	180.00			1121.
77 1 4	1900	2.6	6.000	5.220	.300	16.500				11.70	297.00			1372.
77 1 5	1900	2.6	5.870	4.950	.300	17.900				11.00	338.00			1515.
77 1 6	1900	2.4	5.550	4.630	.200	17.300				12.40	249.00			1298.
77 1 7	1900	2.4	5.180	4.020	.200	18.000				10.50	187.00			1159.
77 1 8	1900	2.2	5.720	4.760	.100	17.100				12.30	208.00			1223.
77 1 9	1900	4.1	5.610	5.220		15.900				11.10	178.00			1142.
77 1 10	1300	2.2	6.820	5.360	.300	20.000				15.30	172.00			1157.
77 1 12	1300	4.1	6.540	5.390	.200	18.800				20.20	271.00			1299.
77 1 13	1300	1.9	6.170	5.140	.300	20.000				13.60	210.00			1210.
77 1 14	1300	2.4	7.030	6.290	.100	20.000				18.70	219.00			1237.
77 1 15	1300	1.4	6.770	5.780	.200	16.700				22.80	220.00			1257.
77 1 16	1300	1.0	6.140	5.130	.100	15.900				9.30	197.00			1220.
77 1 17	1300	1.4	5.340	4.040	.200	19.600				16.00	175.00			1162.
77 1 18	1300	1.4	6.060	4.580	.100	17.800				26.10	153.00			1107.
77 1 19	1900	1.7	5.050	4.210	.900	14.900				12.10	178.00	6.90		1083.
77 1 19	1900	2.2	4.790	4.220	.600	17.000				11.60	188.00	5.90		1051.
77 1 20	1900	2.4	4.170	3.810	.500	13.900				13.30	240.00	5.70		1168.
77 1 21	1900	8.4	2.480	1.980	1.000	7.490				18.80	185.00	7.40		1078.
77 1 22	1900	8.4	1.240	1.040	1.300	7.130				12.40	165.00	6.80		1049.
77 1 23	1900	11.0	1.380	1.130	1.000	7.850				14.90	157.00	7.30		1051.
77 1 24	1900	9.7	1.430	1.080	.780	2.000				8.80	88.90	9.78		1080.
77 1 25	19	7.7	1.490	1.510	.660	2.000				10.10	96.00	10.60		1076.
77 1 26	1900	6.1	1.500	1.520	.550	2.000				8.40	111.00	9.92		1134.
77 1 27	1900	7.7	1.770	1.150	.660	2.000				12.70	109.00	9.00		1248.
77 1 28	1900	11.0	1.490	1.040	.690	2.000				14.10	88.90	10.20		1230.
77 1 29	1900	7.7	1.210	.810	.670	2.000				11.70	78.80	9.09		1078.
77 1 30	1900	7.7	1.140	.706	.720	2.000				14.90	75.70	9.86		1022.
77 1 31	1300	11.0	1.670	1.270	.760	2.000				10.30	79.30	10.30		996.
77 2 3	1300	7.7	2.250	1.340	.500	7.420				41.80	189.00	6.40		1003.
77 2 4	1300	7.7	1.250		.800	6.220				10.30	260.00	6.40		1231.
77 2 5	1300	6.7	1.180	.840	.800	5.480				8.40	216.00	6.70		1111.
77 2 6	1300	6.5	1.660	1.100	.900	6.380				10.40	183.00	7.20		1050.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR BUCYRUS, OHIO USGS NO. 04196000

SAMPLING DATE YR MO DY	TIME 24 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 [illegible] 7	1[illegible]	11.2	1.600	1.020	.900	7.070				12.60	173.00	6.90		1022.
77 [illegible] 7	1[illegible]	7.[illegible]	1.620	.980	.870	7.000				21.00	96.60	8.71		1047.
77 [illegible] 9	19[illegible]	7.[illegible]	1.490	1.026	.750	6.000				16.40	93.80	8.68		1036.
77 [illegible] 9	1[illegible]	11.0	2.000	2.000	.650	2.000				14.10	95.00	8.66		1075.
77 1 [illegible]	[illegible]	13.6	2.97	1.650	.330	9.560				48.00	562.00	24.10		1923.
77 1 10 22[illegible]		11.2	1.780	1.240	.400	7.940				20.30	570.00	28.80		1958.
77 1 11 1[illegible]		10.7	1.430	.940	.900	6.300				18.40	603.00	17.90		2140.
77 2 11 4[illegible]		9.1	1.330	.600	.900	5.450				17.90	715.00	28.10		2440.
77 2 11 700		8.9	1.270	.740	1.100	5.430				14.30	646.00	15.60		2270.
77 2 11 1000		8.1	1.220	.670	1.100	6.020				14.10	555.00	16.50		2000.
77 2 11 1300		9.6	.990	.610	1.100	5.190				11.60	475.00	18.10		1770.
77 2 11 1600		18.9	1.660	.800	.100	6.490				39.30	526.00	18.70		1920.
77 2 11 1900		24.5	2.09[illegible]	.980	.100	5.840				119.00	621.00	15.90		2150.
77 2 11 2200		22.3	1.720		.100	4.920				81.20	679.00	20.60		2300.
77 2 12 100		16.5	1.520		.330	4.363				45.40	657.00	14.80		2260.
77 2 12 400		11.2	1.040	.570	1.100	4.140				32.20	626.00	14.00		2170.
77 [illegible] [illegible] 7		8[illegible]	.[illegible]	.[illegible]	1.600	4.070				17.00	588.00	13.90		2060.
77 [illegible] [illegible] 10[illegible]		[illegible]	.[illegible]	.480	1.500	3.840				12.20	514.00	15.40		1840.
77 [illegible] [illegible] 13[illegible]		11.[illegible]	.[illegible]	.460	1.500	3.810				10.50	466.00	15.20		1700.
77 [illegible] [illegible] 16[illegible]		25.[illegible]	.41	.490	.100	3.570				172.00	491.00	17.90		1710.
77 [illegible] [illegible] 19[illegible]		44.7	[illegible].93	.690	.100	3.430				202.00	436.00	15.60		1430.
77 [illegible] 12 22[illegible]		47.[illegible]	1.43	.640	.700	3.290				116.00	424.00	11.80		1347.
77 [illegible] 13 1[illegible]		58.7	1.52	.500	1.500	3.280				78.60	398.00	19.50		1265.
77 [illegible] 13 4[illegible]		76.[illegible]	1.080	.390	1.700	2.820				52.60	361.00	11.50		1192.
77 [illegible] 13 7[illegible]		83.[illegible]	.960	.350	1.900	2.580				42.90	328.00	13.90		1141.
77 [illegible] 13 10[illegible]		30.9	.790	.320	[illegible].100	2.610				28.50	311.00	15.10		1111.
77 [illegible] 13 [illegible]		78.[illegible]	1.160	.460	2.000	3.860				37.00	356.00	18.80		1220.
77 [illegible] 13 14[illegible]		84.[illegible]	1.180	.470	2.000	3.150				41.60	381.00	11.80		1290.
77 [illegible] 13 19[illegible]		55.[illegible]	1.140	.440	2.000	4.250				46.90	330.00	18.00		1161.
77 [illegible] 14 [illegible]2[illegible]		36.[illegible]	1.110	.42	1.900	2.770				39.90	272.00	14.40		1062.
77 [illegible] 14 1[illegible]		23.[illegible]	.760	.710	.500	0.920				259.00	221.00	19.10		994.
77 [illegible] 14 4[illegible]		84.7	.960	1.210	.300	3.600				452.00	195.00	14.70		929.
77 [illegible] 14 7[illegible]		57.[illegible]	1.540	.610	1.000	3.990				268.00	228.00	8.60		917.
77 [illegible] 14 10[illegible]		30.6	.890	.350	3.200	1.600				40.90	188.00	7.40		707.
77 [illegible] 14 13[illegible]		73.[illegible]	.960	.930	3.700	1.360				44.70	162.00	7.70		688.
77 [illegible] 17 1[illegible]		65.[illegible]	.680	.310	3.600	1.150				22.30	163.00	7.60		708.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR BUCYRUS, OHIO USGS NO. 04196000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	2	18	1300	56.6	.460	.240	3.100	.900				16.60	152.00	7.90		718.
77	2	19	1300	43.8	.400	.270	3.000	1.430				8.10	155.00	8.80		747.
77	2	20	1300	37.5	.440	.300	2.500	1.740				6.60	146.00	9.00		757.
77	2	21	700	33.0	.530	.360	2.600	1.770				8.40	144.00	8.70		760.
77	2	21	1900	33.8	.790	.660	2.100	3.880		4.950		12.60	149.00	12.40		796.
77	2	22	100	30.9	.760	.670	2.100	2.690		3.730		9.70	154.00	10.70		809.
77	2	22	700	27.9	.570	.470	2.200	2.200		2.720		7.30	157.00	11.40		746.
77	2	22	1300	28.7	.520	.450	2.000	2.530		2.970		8.70	152.00	13.00		814.
77	2	22	1900	70.0	1.440	.560	.600	2.850		7.340		112.00	189.00	7.00		773.
77	2	23	100	82.4	.710	.380	1.900	2.210		2.930		18.50	161.00	9.20		727.
77	2	23	700	126.0	1.610	.180	1.400	2.000		5.780		141.00	129.00	8.70		645.
77	2	23	1300	257.9	3.130	.530	.800	2.340		13.800		420.00	109.00	9.70		525.
77	2	23	1900	596.1	1.520	.180	1.600	1.270		4.550		342.00	87.00	5.60		450.
77	2	24	100	929.6	.890	.200	1.900	1.220		3.060		239.00	67.00	4.80		337.
77	2	24	700	1090.0	.830	.110	2.300	1.280		3.420		310.00	66.00	4.60		308.
77	2	24	1300	1371.2	.710	.060	2.200	.230		2.020		303.00	58.00	3.90		298.
77	2	24	1900	1722.2	.590	.050	2.500	.560		2.230		298.00	57.00	4.30		290.
77	2	25	100	1640.6	.530	.030	2.800	.110		2.420		256.00	55.00	4.90		294.
77	2	25	700	1570.2	.440	.060	3.100	.610		1.590		224.00	57.00	4.50		300.
77	2	25	1300	1241.6	.390	.040	3.700	.420		1.630		178.00	59.00	5.80		331.
77	2	25	1900	761.8	.520	.020	3.800	.410		1.680		252.00	65.00	6.40		377.
77	2	26	100	483.7	.440	.040	4.000	.500		2.020		179.00	69.00	7.30		402.
77	2	26	700	397.6	.350	.010	4.100	.490		1.990		171.00	67.00	5.90		416.
77	2	26	1300	329.8	.340	.060	4.000	.420		1.890		113.00	71.00	6.70		433.
77	2	26	1900	276.2	.340	.030	3.900	.380		1.850		98.60	75.00	7.50		455.
77	2	27	100	255.9	.290	.010	3.800	.860		1.760		72.40	81.00	6.50		485.
77	2	27	700	259.8	.230	.010	3.900	.090		1.390		57.90	84.00	9.30		491.
77	2	27	1300	276.2	.240	.020	3.900	.350		2.120		49.80	79.00	8.90		488.
77	2	27	1900	276.2	.280	.040	4.400	1.770		1.750		49.60	82.00	7.10		498.
77	2	28	100	274.2	.210	.020	4.900	1.250		1.670		42.10	82.00	6.90		501.
77	2	28	700	234.3	.190	.020	4.800	.450		1.540		40.30	81.00	7.70		509.
77	2	28	1300	183.5	.320	.470	8.100	.760		3.460		557.00	115.00	8.50		530.
77	3	1	1300	107.8	.250	.200	5.800	1.040		.950		15.60	127.00	11.00	.30	569.
77	3	2	1300	90.6	.210	.210	5.000	1.230		.920		11.50	122.00	10.70	.10	603.
77	3	3	1300	70.0	.270	.160	4.500	1.230		1.420		10.60	99.00	8.40	.10	640.
77	3	4	1300	130.0	.480	.240	4.900	1.340		1.880		343.00	127.00	8.50	.70	674.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR BUCYRUS, OHIO USGS NO. 04196000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	3	5	1300	325.4	.310	.200	12.000	1.010		1.620		100.00	135.00	11.30	.60	525.
77	3	6	1300	141.1	.190		5.600	1.030		1.550		23.80	85.00	10.40	.20	574.
77	3	7	700	109.1	.180		12.500	1.160		1.460		11.80	153.00	15.70	.20	599.
77	3	7	1900	97.8	.420	.420	6.200	1.300				5.80	102.00	8.00		628.
77	3	8	1900	76.0	.360	.360	4.400	1.490				6.70	92.00	8.30		655.
77	3	9	1900	75.0	.280		3.800	1.600				4.10	87.00	9.10		660.
77	3	10	1900	71.0	.310		3.500	1.740				9.60	87.00	8.40		681.
77	3	11	1900	59.5	.440	.380	3.200	1.910				11.70	88.00	8.10		685.
77	3	12	1900	87.1	.870	.360	2.400	2.050				77.80	109.00	6.40		688.
77	3	13	100	124.7	.530	.240	2.700	1.100				54.90	112.00	6.80		686.
77	3	13	700	220.9	.400	.170	3.400	.880					92.00	6.50		663.
77	3	13	1300	395.0	.510	.130	3.400	.790				77.80	89.00	7.20		642.
77	3	13	1900	334.3	.390	.100	4.600	.740				76.00	100.00	7.30		593.
77	3	14	100	242.1	.410	.080	4.600	.880				79.00	94.00	7.20		574.
77	3	14	700	191.6	.300	.070	4.800	.880				116.00	87.00	7.50		568.
77	3	14	1300	168.5	.310	.080	4.900	.950				103.00	89.00	7.70		590.
77	3	14	1900	152.5	.570	.150	5.000	1.180		1.860		43.10	77.00	7.40	4.00	619.
77	3	15	1900	126.6	.490	.010	4.500	1.640		1.760		23.20	78.00	7.10	2.00	671.
77	3	16	1900	77.0	.620	.210	4.000	1.670		2.560		17.50	81.00	6.90	1.00	706.
77	3	17	1900	58.5	.530	.160	3.100	1.510		2.590		5.50	71.00	5.40	1.00	731.
77	3	18	100	85.9	.860	.110	2.900	1.520		3.300		41.60	78.00	5.80	2.00	706.
77	3	18	700	135.2	.690	.040	2.500	.710		2.910		130.00	74.00	4.10	5.00	588.
77	3	18	1300	562.2	.690	.010	3.600	.560		2.450		258.00	60.00	4.70	11.00	578.
77	3	18	1900	1191.6	.840	.010	4.200	.510		2.510		455.00	45.00	4.60	19.00	470.
77	3	19	100	1437.5	.710	.020	5.000	.490		2.250		280.00	35.00	4.90	17.00	398.
77	3	19	700	1183.4	.510	.040	5.500	.620		2.090		130.00	35.00	5.50	11.00	404.
77	3	19	1300	565.2	.470	.020	5.700	.510		1.730		117.00	36.00	5.80	9.00	446.
77	3	19	1900	382.3	.410	.040	6.100	.670		2.180		82.00	41.00	6.30	7.00	475.
77	3	20	100	295.1	.410	.010	5.900	.580		2.430		60.00	42.00	6.40	5.00	505.
77	3	20	700	272.1	.350	.050	5.100	.440		1.700		56.80	44.00	5.70	4.00	533.
77	3	20	1300	248.0	.330	.010	5.800	.530		1.850		64.40	47.00	6.70	3.00	548.
77	3	20	1900	242.1	.320	.050	5.400	.590		2.090		33.00	46.00	6.30	1.00	568.
77	3	21	100	236.2	.320	.060	5.600	.820		1.720		25.20	49.00	6.60	3.00	573.
77	3	21	700	209.7	.290	.070	5.500	.600		2.080		23.10	50.00	6.50	3.00	602.
77	3	21	1300	192.0	.380	.030	5.300	.470		2.110		24.00	52.00	6.60	2.00	599.
77	3	21	1900	152.5	.640	.260	5.900	1.890				27.60	70.00	7.90	6.00	575.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION #/CODE : NEAR BUCYRUS, OHIO USGS NO. 04196000

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 3 22	700	139.0	.370	.170	4.700	2.960				48.10	69.00	6.80	8.00	525.
77 3 22	1900	500.0	.400	.170	5.700	.770				125.00	64.00	7.00	9.00	515.
77 3 23	700	461.5	.250	.140	6.400	.830				74.70	59.00	6.70	8.00	481.
77 3 23	1900	248.0	.250	.180	6.500	.670				40.60	61.00	7.70	5.00	511.
77 3 24	700	202.4	.180	.080	5.500	1.450				27.70	55.00	6.80	6.00	535.
77 3 24	1900	153.0	.330	.130	5.200	1.490				16.90	60.00	7.20	5.00	563.
77 3 25	1900	100.3	.380	.250	4.400	1.590				23.50	62.00	7.30	4.00	604.
77 3 26	1900	78.0	1.100	.200	3.900	1.150				24.50	66.00	6.50	18.00	638.
77 3 27	1900	67.1	.380	.170	3.500	1.920				15.10	67.00	6.10	4.00	651.
77 3 28	1300	118.1	.400	.170	3.000	2.080				26.10	67.00	4.90	5.00	637.
77 3 28	1900	202.4	.320	.260	4.500	.520				60.40	29.00	4.90	3.00	605.
77 3 29	100	295.1	.280	.230	4.600	3.360				104.00	27.00	5.00	4.00	572.
77 3 29	700	384.8	.300	.180	5.300	.800				121.00	25.00	5.80	6.00	524.
77 3 29	1300	535.5	.370	.220	5.600	6.100				172.00	23.00	6.10	8.00	496.
77 3 29	1900	442.4	.480	.190	5.300	.430				234.00	20.00	6.10	15.00	436.
77 3 30	100	361.4	.280	.150	5.500	.530				152.00	20.00	6.10	7.00	455.
77 3 30	700	300.0	.280	.170	5.600	.590				118.00	20.00	6.50	7.00	477.
77 3 30	1300	177.4	.310	.230	5.600	.690				88.00	22.00	6.60	4.00	511.
77 3 30	1900	152.5	.320	.250	5.500	3.440				60.10	22.00	6.60	4.00	532.
77 3 31	1900	88.3	.270		4.300	1.160				24.00	26.00	6.00	1.00	598.
77 4 1	1900	63.3	.420	.320	3.700	1.370				24.20	29.00	5.00	1.00	640.
77 4 2	100	59.5	.590	.520	3.400	.940				28.20	32.00	4.80	1.00	685.
77 4 2	700	105.3	.730	.220	2.300	2.560				279.00	26.00	2.90	6.00	494.
77 4 2	1300	289.3	.360	.200	2.700	.620				545.00	23.00	4.10	7.00	497.
77 4 2	1900	1154.7	.640	.190	2.800	.810				292.00	20.00	4.50	18.00	407.
77 4 3	100	1535.0	.640	.160	3.900	1.390				405.00	17.00	4.70	22.00	303.
77 4 3	700	1340.3	.740	.150	3.700	.750				411.00	17.00	4.80	23.00	282.
77 4 3	1300	2140.0	.590	.170	3.700	.590				366.00	15.00	5.20	19.00	278.
77 4 3	1900	1870.0	.630	.170	4.000	1.720				211.00	16.00	5.90	18.00	303.
77 4 4	100	802.0	.560	.190	4.500	3.460				360.00	18.00	6.20	14.00	351.
77 4 4	700	497.0	.570	.200	4.800	.900				339.00	19.00	6.50	14.00	385.
77 4 4	1300	384.0	.310	.180	4.700	1.030				201.00	21.00	6.70	8.00	417.
77 4 4	1900	325.0	.420							115.00			10.00	440.
77 4 5	100	283.0	.360							136.00			10.00	454.
77 4 5	700	249.0	.290							104.00			9.00	464.
77 4 5	1300	406.0	.360							126.00			10.00	467.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR BUCYRUS, OHIO USGS NO. 04196000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	4	5	1900	357.4	.340							150.00			10.00	455.
77	4	6	1900	180.5	.300							54.90			7.00	513.
77	4	7	1900	145.3	.280							42.00			7.00	555.
77	4	8	1900	107.8	.230							21.20			5.00	579.
77	4	9	1900	82.4	.230							8.50			5.00	599.
77	4	10	1900	74.0	.160							10.40			4.00	614.
77	4	11	1300	65.2	.230							24.20			5.00	646.
77	4	11	1900	54.8	.760	.280	20.800	.910				47.00	217.00	8.80	3.00	657.
77	4	12	1900	44.7	.580	.270	14.500	1.270				26.40	149.00	6.80	1.00	675.
77	4	13	1900	37.5	.610	.330	17.500	8.670				61.30	181.00	7.00		667.
77	4	14	1900	32.3	.600	.350	11.600	.950				20.60	125.00	5.70	1.00	671.
77	4	15	1900	26.7	.690	.370	12.000	4.620				28.00	120.00	6.70		677.
77	4	16	1900	23.4	.780	.290	14.200	2.590				32.30	145.00	8.10		698.
77	4	17	1900	21.2	.710	.350	9.500	1.650				18.80	109.00	6.40		711.
77	4	18	1300	20.0	.690	.340	8.600	5.300				15.40	102.00	5.50		726.
77	4	18	1900	20.0	1.420	.970	6.100	.840				216.00	79.00	18.20	6.80	741.
77	4	19	1900	18.9	.800	.740	3.900	.640				14.00	63.00	21.80	2.00	722.
77	4	20	1900	36.0	1.330	.790	4.200	.790				59.20	67.00	19.30	3.00	671.
77	4	21	1900	33.0	.530	.390	2.800	.650				12.00	58.00	29.40	2.00	689.
77	4	22	1900	52.9	1.010	.560	2.100	1.580				39.70	67.00	12.50	3.00	634.
77	4	23	1900	197.0	.540	.290	4.700	.900				56.80	44.00	21.50	4.00	552.
77	4	24	1900	102.8	.390	.250	4.100	1.070				13.60	44.00	22.50	2.00	601.
77	4	25	1350	77.0	.550	.300	3.700	1.130				19.70	45.00	24.90	3.00	626.
77	4	25	1900	71.0	.550		4.700	.560				17.40	50.00	5.20	1.00	645.
77	4	26	1900	124.7	.360		3.200	.560				16.00	44.00	3.58	1.00	640.
77	4	27	1900	81.2	.410		3.400	.520				23.00	39.00	3.90	1.00	589.
77	4	28	1900	72.0	.950		2.400	1.570				37.10	44.00	3.10		617.
77	4	29	1900	76.0	.310		2.000	.820				7.90	40.00	2.70	1.00	609.
77	4	30	1900	55.7	.370		2.100	1.260				17.70	45.00	1.30	1.00	628.
77	5	1	1900	43.8	.380		1.600	1.230				17.20	43.00	.40	1.00	608.
77	5	2	1300	48.3	1.040		1.300	1.910				31.30	47.00	.70	1.00	639.
77	5	2	1900	44.7	.690	.620	2.800	.840		1.500		11.50	46.00	1.40	2.00	608.
77	5	3	1900	48.3	.430		2.500	.620		.640		11.40	49.00	1.40	1.00	628.
77	5	4	1300	142.5	.330		2.800	.720		1.380		80.40	39.00	3.40	2.00	539.
77	5	4	1600	236.2	.220		3.100	.760		1.540		134.00	35.00	3.00	2.00	571.
77	5	4	1900	439.8	.240		3.300	.760		3.290		298.00	31.00	3.70	2.00	508.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR BUCYRUS, OHIO USGS NO. 04196000

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 5 4	2200	630.0	.210		3.400	1.500		2.310		247.00	26.00	3.90	2.00	472.
77 5 5	100	623.7	.210		4.300	.790		2.100		156.00	25.00	5.00	3.00	434.
77 5 5	400	532.6	.190		5.300	.630		3.060		125.00	23.00	5.80	2.00	413.
77 5 5	700	431.7	.430		5.800	.630		1.360		94.70	25.00	6.40	10.00	434.
77 5 5	1000	374.6	.190		5.700	1.750		1.540		127.00	24.00	6.50	3.00	448.
77 5 5	1300	321.0	.180		5.600	1.050		1.940		112.00	38.00	6.50	2.00	490.
77 5 5	1600	299.3	.180		5.700	.980		2.860		86.00	26.00	6.80	2.00	466.
77 5 5	1900	288.7	.200		5.700	1.200		2.510		71.00	25.00	6.80	3.00	472.
77 5 5	2200	295.1	.170		5.600	1.160		1.360		72.90	26.00	7.00	2.00	484.
77 5 6	100	301.4	.180		5.500	.630		1.760		63.80	27.00	6.90	3.00	489.
77 5 6	400	286.6	.150		5.400	.650		2.030		64.60	28.00	7.00	2.00	489.
77 5 6	700	255.9	.130		5.200	.870		1.180		59.70	27.00	6.90	2.00	500.
77 5 6	1000	228.5	.150		5.200	.600		1.270		49.00	27.00	6.90	1.00	487.
77 5 6	1300	200.6	.420	.420	5.400	.580				38.60	33.00	7.50	4.00	527.
77 5 7	100	142.5	.310		5.400	1.480				29.00	38.00	7.30	3.00	550.
77 5 7	1300	111.7	.230		4.500	1.210				15.50	34.00	7.20	2.00	575.
77 5 8	100	89.4	.280		4.100	1.050				17.50	35.00	6.50	2.00	599.
77 5 8	1300	74.0	.240		3.700	.810				5.00	37.00	5.70	2.00	621.
77 5 9	100	63.3	.330		3.500	1.290				7.20	37.00	5.10	2.00	634.
77 5 9	1300	56.6	.400		3.000	1.250					39.00	4.60	2.00	661.
77 5 9	1900	51.9	.440	.430	4.500	.570				18.60	56.00	7.50	2.00	660.
77 5 10	700	44.7	.270	.240	3.600	.350				7.60	43.00	6.20	1.00	642.
77 5 10	1900	42.0	.380		3.800	.510				7.30	43.00	10.40	2.00	650.
77 5 11	700	37.5	.220		3.100	.420				9.10	41.00	9.70	1.00	654.
77 5 11	1900	36.8	.410	.340	3.600	.450				11.90	44.00	4.80	2.00	653.
77 5 12	700	31.6	.240	.180	2.600	.390				4.30	42.00	3.90	1.00	664.
77 5 12	700	31.6	.400	.300	2.200	1.300				9.40	42.00	2.90	2.00	655.
77 5 13	400	28.7	.510	.380	2.900	.560				6.50	49.00	4.30	1.00	686.
77 5 16	1900	22.3	1.200	.575	4.340	.091				13.70	50.00	2.07	.80	774.
77 5 17	1900	19.4	.961	.574	3.990	.102				7.90	50.20	2.26	.50	754.
77 5 18	1900	17.7	.911	.491	3.830	.097				10.70	49.10	2.36	.60	760.
77 5 19	1900	16.5	.829	.427	3.530	.110				7.10	48.00	2.31	.50	763.
77 5 20	1900	16.5	.610	.386	3.920	.104		1.130		5.80	51.40	3.02	.40	766.
77 5 21	1900	14.0	.741	.440	3.190	.947		1.530		7.90	52.70	3.74	.40	781.
77 5 22	1900	11.7	.469	.285	1.970	1.300		3.980		11.60	49.30	3.50	.40	785.
77 5 23	1300	42.0	.602	.275	1.520	.675		2.290		19.30	45.20	3.14	.50	740.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR BUCYRUS, OHIO USGS NO. 04196000

SAMPLING DATE YR MO DY	TIME 24HR HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 5 23	1900	35.3	.882	.699	3.350	.033		1.140		11.80	49.00	5.14	.50	742.
77 5 24	1900	20.6	.799	.655	4.830	.036				8.50	59.10	5.79	.60	694.
77 5 25	1900	4.7	.591	.446	6.430	.032				5.70	69.70	7.69	.40	880.
77 5 26	1900	3.3	1.030	.798	7.670	.025				5.20	86.90	8.30	.40	891.
77 5 27	1900	2.6	1.370	1.090	5.850	2.000				5.80	89.20	8.88	.40	933.
77 5 28	1900	5.4	1.220	.903	3.330	2.000				11.90	108.80	7.55	.50	1052.
77 5 29	1900	4.1	.731	.530	.830	2.000				6.90	75.80	6.84	.60	865.
77 5 30	1300	3.9	1.820	1.540	.800	2.000		9.380		11.50	75.00	5.74	.50	877.
77 5 31	1900	5.1	1.710	1.450	5.790	2.000				3.10	73.20	7.96	5.00	858.
77 6 1	1900	3.5	.903	.662	3.790	1.430					69.00	5.75	2.00	788.
77 6 2	1900	3.3	.707	.533	3.140	2.000				.50	77.70	6.62	1.00	911.
77 6 3	1900	2.8	.980	.666	2.990	2.000				1.90	86.10	6.84	1.00	1071.
77 6 4	1900	2.4	1.780	1.260	1.810	2.000				.70	82.70	7.96	1.00	954.
77 6 5	1900	2.6	1.880	1.250	1.870	2.000				1.60	75.00	7.84	1.00	915.
77 6 6	1300	4.1	3.240	1.970	2.190	2.000		10.700		7.60	70.30	5.99	1.00	872.
77 6 6	1900	4.4	3.560	1.350	5.110	2.000		7.100		14.30	67.00	5.74	.50	821.
77 6 7	1900	3.1	1.900	1.290	3.160	2.000				10.70	82.70	8.46	.40	952.
77 6 8	1900	8.1	1.800	1.240	3.880	2.000				12.20	82.40	7.59	.40	956.
77 6 9	1900	11.0	.728		5.200	1.650				11.70	62.40	5.94	.30	632.
77 6 10	1900	2.4	.891		2.310	2.000				10.40	78.60	6.80	.30	889.
77 6 11	1900	3.7	1.650		1.810	2.000				12.60	110.00	6.85	.30	1118.
77 6 12	1900	3.7	1.310		2.540	2.000				39.10	64.70	4.97	.90	778.
77 6 13	1300	4.7	2.530		2.530	2.000		8.900		10.60	64.80	5.38	.30	841.
77 6 14	1900	4.4	2.420	1.690		.290				23.50	338.00	21.70	1.00	940.
77 6 15	1900	3.6	2.120	1.680	17.800	.320				25.70	240.00	13.90	.70	898.
77 6 16	1900	2.4	2.850	2.090	13.900	.300				17.20	236.00	11.90	.60	951.
77 6 17	1900	20.6	2.670	1.990	9.700	.370				31.50	156.00	8.30	1.20	615.
77 6 18	1900	8.5	1.090	.870	2.500	1.520				7.30	101.00	6.10	.50	741.
77 6 19	1900	9.5	.743	.640	4.200	3.290				7.10	176.00	7.70	.30	813.
77 6 20	1300	8.5	1.690	1.260	7.600	2.940		6.500		8.20	295.00	10.10	.40	852.
77 6 20	1900	11.2	2.400	1.920	7.800	.830				8.20	110.00	6.90	3.00	866.
77 6 21	1900	6.6	1.600	1.120	5.600	.420				9.70	103.00	7.70	1.00	837.
77 6 22	1900	5.4	2.010	1.170	2.600	3.860				38.90	105.00	7.50	1.00	891.
77 6 23	1900	5.4	1.480	.890	3.300	3.540				10.20	104.00	7.60	2.00	876.
77 6 24	1900	4.7	2.360	1.850	2.600	5.440				11.20	117.00	7.10	.40	904.
77 6 25	1900	3.6	3.830	3.200	1.100	9.440				11.10	124.00	6.80	1.00	945.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR BUCYRUS, OHIO USGS NO. 04196000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	6	26	1900	1.7	7.720	6.690	.670	15.000				10.70	147.00	9.00	1.00	1066.
77	6	27	1300	3.9	1.480	.940	2.300	8.260				5.40	104.00	6.30	2.00	903.
77	6	27	1900	3.7	1.570	1.020	10.300	.210		1.400		22.70	81.20	8.39	1.00	843.
77	6	28	1900	2.6	4.760	3.530	5.300	5.070		1.850		20.90	91.30	9.81		925.
77	6	29	1900	2.8	1.300	.798	2.220	1.360		1.390		11.30	61.00	6.00		575.
77	6	30	100	2.2	1.580	1.090	3.600	3.550		2.100		11.40	69.30	6.60		650.
77	6	30	700	1.2	5.110	3.850	2.370	7.560		6.790		12.80	86.50	8.33	1.00	841.
77	6	30	1300	2.4	4.260	3.610	5.560	6.520		11.300		15.40	80.70	8.13	2.00	990.
77	6	30	1900	2.4	3.770	2.460	2.120	8.820		9.450		16.50	98.20	9.79		989.
77	7	1	100	175.9	1.320	.532	4.200	.927		2.150		471.00	38.60	5.36	21.00	386.
77	7	1	700	234.3	.910	.274	5.020	.129		2.560		445.00	40.90	5.02	18.00	534.
77	7	1	1300	211.6	1.420	.269	10.800	.249		3.670		794.00	38.00	6.09	34.00	466.
77	7	1	1900	156.8	1.010	.240	12.200	.324		2.800		499.00	37.10	6.56	23.00	494.
77	7	2	100	116.8	.890	.356	13.700	.444		2.250		257.00	46.00	7.55	12.00	564.
77	7	2	700	70.0	.780	.478	12.600	.884		1.500		121.00	49.90	7.86	6.00	606.
77	7	2	1300	54.8	.590	.461	11.300	1.250		1.360		64.50	50.90	8.24	3.00	634.
77	7	2	1900	39.8	.590	.452	11.300	1.470		1.350		36.60	49.70	8.44	1.00	641.
77	7	3	100	24.5	.950	.666	10.400	1.680		1.960		51.90	50.30	8.23	1.00	642.
77	7	3	700	17.1	.630	.564	9.880	1.880		2.070		46.50	50.50	8.32	1.00	639.
77	7	3	1300	13.6	.720	.629	9.980	1.920		2.800		26.50	52.60	7.97	1.00	651.
77	7	3	1900	16.5	1.030	.686	9.510	2.030		3.720		28.70	52.90	7.70		675.
77	7	3	1900	16.5	1.030	.686	9.510	2.000		3.720		28.70	52.90	7.70	1.00	675.
77	7	4	100	14.0	1.220	.809	8.730	2.540		4.200		17.70	52.70	8.76	1.00	676.
77	7	4	700	34.5	1.750	1.000	8.100	3.050		5.300		19.30	53.70	8.22		689.
77	7	4	1300	62.3	1.020	.465	6.680	.173		8.000		105.00	41.90	10.00		426.
77	7	4	1300	62.3	1.020	.465	6.680	.173				105.00	41.90	10.00	8.00	426.
77	7	4	1700	68.1	.720	.285	7.010	.086				69.50	38.70	10.40	7.00	529.
77	7	4	1900	75.0	.670	.121	8.390	.138				219.00	24.20	8.54	14.00	549.
77	7	4	2200	96.7	1.620	.150	8.750	.092				1267.00	23.80	8.48	53.00	388.
77	7	5	1300	284.5	1.120	.186	9.760	.105				721.00	26.70	9.13	35.00	370.
77	7	5	1600	224.6	.870	.084	10.100	.098				444.00	18.80	10.90	24.00	409.
77	7	5	1900	180.5	.730	.209	10.500	.203				327.00	28.90	10.40	19.00	440.
77	7	5	2200	151.1	.700	.263	10.600	.101				248.00	30.90	10.00	15.00	463.
77	7	6	100	127.4	.630	.248	10.700	.331				178.00	32.90	9.47	13.00	483.
77	7	6	400	107.8	.540	.219	10.400	.099				157.00	33.50	9.19	11.00	488.
77	7	6	700	93.0	.490	.190	10.200	.316				136.00	33.70	8.62	10.00	497.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR BUCYRUS, OHIO USGS NO. 04196000

SAMPLE DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO+2 NO+3 MG/L	NH+3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	7	6	1 [illegible]	83.5	.450	.197	8.900	.199				176.00	34.40	9.24	9.00	506.
77	7	6	1300	74.0	.470	.241	9.230	.302				143.00	35.80	10.60	8.00	525.
77	7	6	1600	67.1	.500	.273	.010	.473				86.40	37.30	11.00	8.00	535.
77	7	6	1900	60.4	.530	.323	8.530	.586				69.50	37.40	10.20	7.00	542.
77	7	6	2215	54.8	.560	.384	8.100	.712				57.60	37.80	9.85	6.00	547.
77	7	7	100	51.0	.640	.466	7.830	.903				51.40	40.10	9.17	6.00	559.
77	7	7	400	43.9	.530	.336	7.430	1.130				47.60	39.70	9.29	5.00	541.
77	7	7	700	39.0	.460	.276	7.340	.528				42.00	39.40	9.58	6.00	549.
77	7	7	1000	37.5	.450	.284	7.020	1.270				45.30	41.00	9.43	5.00	562.
77	7	7	1300	34.5	1.760	.327	7.050	.033		.930		68.10	40.70	10.20	4.00	571.
77	7	7	1600	32.3	1.530	.377	7.310	.043		1.240		58.00	42.40	10.90	3.00	583.
77	7	7	1900	28.7	1.600	.457	7.210	.037		1.360		59.00	44.00	11.40	3.00	592.
77	7	7	2200	32.2	1.470	.618	7.010	.021		1.050		47.20	44.60	11.20	2.00	595.
77	7	8	100	30.9	1.060	1.060	6.810	.040		1.260		40.80	50.40	11.40	2.00	623.
77	7	8	400	34.5	.800	.802	6.420	.053		1.200		36.00	48.10	10.60	2.00	606.
77	7	8	700	53.8	.620	.383	6.010	.080		1.050		42.30	40.50	10.60	2.00	573.
77	7	8	1000	67.1	.790	.273	5.820	.093		1.260		109.00	38.40	10.30	5.00	566.
77	7	8	1300	90.6	1.260	.346	6.150	.169		1.300		114.00	39.80	9.72	5.00	582.
77	7	8	1600	92.4	1.030	.306	5.910	.100		1.440		155.00	38.50	9.56	7.00	551.
77	7	8	1900	85.8	.550	.294	6.120	.094		1.680		291.00	35.30	9.44	13.00	477.
77	7	8	2200	84.7	.430	.323	6.070	.067		1.680		256.00	35.10	8.89	12.00	478.
77	7	9	100	75.6	.430	.282	5.520	.055		1.750		304.00	34.90	8.43	15.00	471.
77	7	9	400	64.2	.530	.218	5.190	.053		1.870		472.00	32.50	8.08	21.00	446.
77	7	9	700	53.8	.740	.202	5.850	.048		2.240		354.00	32.40	8.16	18.00	447.
77	7	9	1000	46.5	.800	.240	6.530	.056		1.850		278.00	33.60	8.56	15.00	458.
77	7	9	1300	42.2	.780	.363	6.470	.131		1.850		165.00	37.20	9.58	10.00	503.
77	7	9	1600	37.5	.920	.469	6.400	.199		1.540		116.00	41.00	10.50	7.00	540.
77	7	9	1900	33.0	.720	.538	6.180	.201		1.690		101.00	43.80	10.80	7.00	570.
77	7	1	100	26.7	.730	.732	5.450	.171		1.290		50.40	46.00	10.70	3.00	616.
77	7	1	1300	20.6	.736	.736	4.990	.466		1.180		63.60	49.00	11.10	3.00	662.
77	7	1	2200	17.1	.904	.904	5.620	.837		1.620		49.30	50.90	12.20	2.00	671.

BROKEN SWORD CREEK
AT
NEVADA, OHIO

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : BROKEN SWORD CREEK

LOCATION W/CODE : NEAR NEVADA, OHIO USGS NO. 04196200

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	1	29	1515	240.0	.184	.100	3.800	.210				29.50	22.00			425.
76	1	29	2115	180.0	.194	.090	3.900	.190				38.40	23.00			459.
76	1	30	315	156.5	.153	.080	3.700	.150				20.60	22.00			458.
76	1	30	915	135.1	.143	.070	3.600	.190				13.40	22.00			474.
76	1	30	1515	131.3	.133	.070	3.600	.170				17.90	22.00			477.
76	1	30	2115	117.6	.132	.070	3.400	.100				17.10	22.00			486.
76	1	31	315	99.4	.122	.060	3.400	.120				7.60	23.00			490.
76	1	31	915	87.9	.117	.050	3.200	.110				20.00	22.00			513.
76	1	31	1515	90.2	.113	.050	3.300	.120				13.70	23.00			509.
76	1	31	2115	94.8	.108	.060	2.500	.210				12.10	23.00			518.
76	2	1	315	73.1	.087	.050	3.500	.120				8.40	24.00			527.
76	2	1	915	60.6	.098	.040	3.400	.150				8.50	24.00			546.
76	2	1	1515	66.6	.088	.040	3.300	.090				13.70	24.00			554.
76	2	4	1400	39.3	.039	.030	2.700	.160				5.00	25.00			641.
76	2	4	2000	40.0	.045	.030	2.600	.120				2.10	24.00			654.
76	2	5	200	37.4	.045	.030	2.500	.100				.30	24.00			657.
76	2	5	800	35.9	.044	.030	2.500	.120					24.00			665.
76	2	5	1400	34.9	.043	.030	2.500	.170				2.40	24.00			658.
76	2	6	1400	34.3	.052	.020	2.400	.110				1.70	24.00			661.
76	2	7	1400	32.6	.035	.020	2.100	.090					24.00			666.
76	2	8	1400	34.3	.033	.020	2.100	.070					24.00			662.
76	2	9	1400	30.6	.028	.020	2.000	.080					24.00			671.
76	2	10	800	31.1	.037	.020	1.900	.090					24.00			670.
76	2	10	900	31.1	.010	.010	2.000	.190				30.80	27.00			603.
76	2	10	1500	33.1	.011	.010	1.900	.050				72.50	26.00			603.
76	2	10	2100	100.9	.118	.020	1.800	.100				65.00	36.00			555.
76	2	11	300	719.5	.319	.140	3.200	1.000				134.00	22.00			313.
76	2	11	900	864.2	.342	.180	2.500	.430				112.00	19.00			236.
76	2	11	1500	842.7	.361	.180	1.300	.860				110.00	18.00			229.
76	2	11	2100	955.8	.344	.170	2.500	.470				109.00	19.00			228.
76	2	12	300	1017.0	.295	.150	2.200	.500				131.00	21.00			246.
76	2	12	900	882.1	.244	.140	2.500	1.000				106.00	22.00			278.
76	2	12	1500	646.5	.221	.120	2.800	.660				53.90	22.00			306.
76	2	12	2100	406.8	.202	.100	2.800	.270				51.20	21.00			338.
76	2	13	300	344.3	.174	.080	2.800	.230				50.30	20.00			356.
76	2	13	900	346.2	.163	.070	2.800	.260				50.70	20.00			367.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : BROKEN SWORD CREEK

LOCATION W/CODE : NEAR NEVADA, OHIO USGS NO. 04196200

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO+2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 [illegible] 13	1500	374.7	.174	.077	2.600	.300				59.40	20.00			366.
76 [illegible] 13	2100	445.8	.217	.050	2.800	.530				113.00	19.00			357.
76 [illegible] 14	[illegible]	406.8	.185	.060	2.900	.340				62.60	19.00			356.
76 [illegible] 14	[illegible]	334.1	.171	.050	3.000	.170				55.30	20.00			370.
76 [illegible] 14	1500	257.6	.152	.050	3.300	.130				50.10	20.00			377.
76 [illegible] 14	2100	200.8	.133	.040	3.300	.120				44.60	20.00			389.
76 [illegible] 15	[illegible]	169.7	.121	.040	3.300	.110				37.80	20.00			408.
76 [illegible] 15	900	147.0	.104	.030	3.400	1.000				28.70	21.00			429.
76 2 15	1500	141.0	.100	.030	3.400	.200				24.00	22.00			445.
76 2 15	2100	241.4	.156	.030	3.500	.130				85.70	21.00			435.
76 2 16	300	384.5	.204	.026	3.900	.090				118.00	21.00			410.
76 2 16	900	487.0	.196	.030	4.300	.130				102.00	22.00			397.
76 2 16	1400	564.4	.388	.030	4.600	.090				251.00	21.00			378.
76 2 16	2000	1206.0	1.280	.040	4.200	.130				1166.00	17.00			294.
76 2 17	200	1627.0	1.560	.040	3.800	.120				1475.00	14.00			249.
76 2 17	800	2148.0	1.880	.040	3.600	.170				1639.00	14.00			238.
76 [illegible] 17	1400	906.0	.595	.030	4.500	.040				516.00	20.00			337.
76 [illegible] 1	[illegible]	660.6	.442	.040	4.500	.060				167.00	20.00			338.
76 [illegible] 20	[illegible]	771.1	.356	.040	4.600	.060				110.00	21.00	1.00	1.00	358.
76 [illegible] 20	[illegible]	617.7	.320	.04	4.600	.070				217.00	20.00			381.
76 [illegible] 20	1400	463.4	.286	.050	4.500	.070				93.70	20.00			399.
76 [illegible] 20	2000	365.8	.287	.040	4.400	.060				97.00	20.00			411.
76 [illegible] 21	200	292.1	.26	.040	4.400	.080				105.00	20.00			421.
76 [illegible] 21	800	260.6	.267	.040	4.300	.060				117.00	21.00			435.
76 [illegible] 21	1400	484.6	.458	.040	4.100	.090				184.00	20.00			400.
76 [illegible] 21	2000	722.6	.634	.040	3.600	.080				431.00	17.00			341.
76 [illegible] 22	200	751.5	.667	.040	3.500	.090				441.00	17.00			331.
76 [illegible] 22	800	611.5	.580	.050	3.300	.070				309.00	17.00			312.
76 [illegible] 22	1400	552.1	.445	.050	3.300	.100				261.00	18.00			315.
76 [illegible] [illegible]	[illegible]	491.4	.345	.050	3.700	.080				224.00	19.00			344.
76 [illegible] [illegible]	[illegible]	722.6	.281	.050	3.900	.050				108.00	19.00			363.
76 [illegible] [illegible]	[illegible]	547.1	.243	.050	4.000	.070				93.10	20.00			390.
76 [illegible] 23	1500	349.1	.187	.030	4.900	.040				56.00	23.00			389.
76 [illegible] 24	1505	194.5	.143	.020	7.700	.040				50.70	23.00			449.
76 [illegible] 25	1505	152.3	.134		7.600	.020				56.10	24.00			477.
76 [illegible] 26	1505	105.0	.137	.020	7.500	.030				56.40	24.00			496.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : BROKEN SWORD CREEK

LOCATION W/CODE : NEAR NEVADA, OHIO USGS NO. 04196200

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	2	27	1505	81.4	.128	.020	3.400	.040				49.20	24.00			511.
76	2	28	1505	63.0	.131	.020	3.200	.060				39.30	24.00			527.
76	2	29	1505	47.7	.109	.020	3.000	.050				55.90	24.00			542.
76	3	1	305	43.7	.103	.020	2.800	.070				32.10	25.00			553.
76	3	1	930	42.0	.086		2.300					56.00	21.00			560.
76	3	2	930	35.5	.103		2.100					31.10	21.00			572.
76	3	3	930	34.0	.093		2.000					43.80	21.00			581.
76	3	3	1530	31.7	.098		1.900					43.00	21.00			583.
76	3	3	2130	35.2	.104		2.000					39.70	22.00			578.
76	3	4	330	34.5	.342		1.800					53.20	22.00			568.
76	3	4	930	312.4	.753		2.000					256.00	23.00			522.
76	3	4	1530	787.8	.701		2.600					609.00	17.00			347.
76	3	4	2130	832.3	.703		2.700					459.00	16.00			314.
76	3	5	330	938.9	.674		2.600					427.00	15.00			284.
76	3	5	930	1071.8	.602		2.600					294.00	15.00			278.
76	3	5	1530	1126.0	.650		2.400					381.00	13.00			271.
76	3	5	2130	986.2	.661		2.600					382.00	14.00			291.
76	3	6	330	910.0	.741		2.300					422.00	14.00			287.
76	3	6	930	821.9	.632		2.200					323.00	14.00			294.
76	3	6	1530	655.3	.484		2.500					205.00	16.00			328.
76	3	6	2130	402.6	.385		2.700					161.00	16.00			365.
76	3	7	330	308.9	.316		2.700					119.00	16.00			393.
76	3	7	930	248.7	.269		2.800					97.70	17.00			415.
76	3	7	1530	202.1	.241		2.900					93.10	17.00			435.
76	3	7	2130	174.3	.214		2.900					92.10	19.00			454.
76	3	8	1-15	121.2	.148	.010	3.100	.100				55.00	24.00		3.40	487.
76	3	8	1515	90.2	.113	.020	3.000	.100				23.30	25.00		2.30	522.
76	3	11	1515	69.2	.103	.020	2.800	.110				21.60	25.00		1.90	534.
76	3	11	1515	70.5	.077	.010	2.700	.160				14.00	26.00		1.20	546.
76	3	12	1515	69.2	.064	.020	2.500	.130				14.40	28.00		.80	550.
76	3	13	1515	98.6	.084	.020	2.500	.070				36.30	29.00		2.10	545.
76	3	14	1515	91.6	.099	.020	2.700	.080				32.80	30.00		2.20	537.
76	3	15	915	70.5	.081	.050	2.900	.080				14.70	30.00		1.60	537.
76	3	15	1500	66.6	.068		2.800	.130				21.80	24.00		1.40	563.
76	3	16	1500	55.9	.043		2.800	.170				16.70	24.00		.70	577.
76	3	17	1500	52.5	.036		2.600	.090				9.70	26.00		.78	596.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : BROKEN SWORD CREEK

LOCATION W/CODE : NEAR NEVADA, OHIO USGS NO. 04196200

SAMPLE DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	3	18	1500	42.3	.034		2.500	.070				7.80	27.00		.40	608.
76	3	19	1500	100.2	.057	.010	2.600	.180				21.60	28.00		1.20	590.
76	3	20	1500	85.7	.073		2.600	.090				32.70	26.00		1.80	539.
76	3	21	2100	77.8	.090		2.400	.110				38.80	25.00		1.90	537.
76	3	21	330	220.4	.347		2.500	.150				245.00	25.00		2.10	496.
76	3	21	900	534.2	.886		3.000	.240				492.00	21.00		6.00	390.
76	3	22	1500	287.3	.352	.010	3.600	.110				150.00	19.00			381.
76	3	26	2100	61.2	.126	.030	2.000	.380				64.20	24.00			535.
76	3	27	1500	60.6	.088		2.000	.140				39.10	24.00			541.
76	3	28	1500	95.5	.225		2.300	.070				109.00	24.00			482.
76	3	29	1900	61.8	.121	.010	2.100	.070				53.30	23.00			517.
76	3	29	1530	63.0	.024	.020	2.100	.060				37.80	22.00			502.
76	3	29	1830	61.8	.035	.010	1.900	.010				34.40	23.00			514.
76	3	29	2130	60.0	.036	.010	1.700	.010				39.90	23.00			529.
76	3	30	30	58.2	.028	.010	1.700					34.60	23.00			549.
76	3	30	330	57.1	.026	.010	1.700					26.80	23.00			555.
76	3	31	330	49.2	.050	.010	1.900	.190				58.90	24.00			494.
76	4	3	30	43.3	.048	.020	2.150	.020				35.00	24.00			512.
76	4	5	1430	55.9	.042		1.900	.010				27.80	24.00			560.
76	4	6	1430	44.9	.043		1.700	.020				24.00	23.00			572.
76	4	7	1430	38.4	.039		1.400	.030				24.20	23.00			586.
76	4	8	1430	32.0	.022		1.300	.020				14.10	24.00			583.
76	4	10	1430	24.7	.007		1.100	.010				5.00	24.00			591.
76	4	9	1430	27.5	.007		1.200	.020				4.70	24.00			596.
76	4	11	1430	24.7	.024		1.000	.020				14.00	24.00			581.
76	4	12	1430	22.7	.017		.900	.040				11.50	24.00			566.
76	4	12	1500	22.7	.110	.040	.800	.200				4.40	27.00			585.
76	4	13	1500	20.4	.108	.030	.800	.200				12.20	27.00			580.
76	4	14	1500	20.0	.112	.030	.700	.130				20.60	28.00			605.
76	4	15	1500	19.3	.125	.020	.600	.190				20.40	27.00			614.
76	4	16	1500	17.8	.121	.020	.500	.090				18.90	34.00			613.
76	4	17	1500	14.7	.128	.030	.500	.020				12.90	34.00			633.
76	4	18	1500	15.3	.124	.020	.400	.020				18.90	37.00			625.
76	4	19	900	14.5	.134	.010	.300	.370				22.50	37.00			610.
76	4	19	1440	14.5	.040	.040	.400	.160				19.10	29.00			602.
76	4	20	1440	15.1	.049	.040	.400	.130				15.80	28.00			609.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : BROKEN SWORD CREEK

LOCATION W/CODE : NEAR NEVADA, OHIO

USGS NO. 04196200

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	4	21	1440	15.3	.048	.030	.400	.130				10.70	28.00			623.
76	4	22	1440	18.0	.043	.040	.400	.100				19.60	30.00			658.
76	4	23	1440	19.1	.030	.030	.400	.080				25.60	29.00			656.
76	4	24	1440	17.8	.042	.030	.500	.070				17.30	35.00			657.
76	4	25	1440	28.3	.065	.040	.700	1.000				29.80	32.00			648.
76	4	26	840	32.3	.048	.040	.600	.120				30.70	33.00			630.
76	4	26	1450	32.3	.050	.050	.900	.080				20.10	29.00		1.40	618.
76	4	27	1450	22.4	.050	.040	1.250	.090				8.80	30.00		.85	606.
76	4	28	1450	18.0	.041	.030	1.100	.050				5.60	28.00		.73	605.
76	4	29	1450	15.8	.022	.020	.800	.040				8.50	28.00		.80	614.
76	4	30	1450	14.9	.039	.020	.500	.060				29.00	27.00		1.77	613.
76	5	1	1450	14.3	.059	.010	.350					37.50	28.00		2.36	617.
76	5	2	1450	14.0	.047	.020	.350	.020				21.30	27.00		1.58	624.
76	5	3	850	14.5	.045	.020	.350	.010				22.30	30.00		1.53	648.
76	5	3	1445	14.5	.063	.030	.500	.450				18.60	30.00			637.
76	5	4	1445	13.8	.130	.130	.600	.580				7.80	34.00			643.
76	5	5	1445	11.9	.063	.050	.500	.320				23.90	31.00			640.
76	5	6	1445	11.6	.090	.090	.700	.280				34.00	33.00			658.
76	5	7	1445	15.3	.094	.060	.600	.350				39.80	35.00			665.
76	5	8	1445	19.3	.064	.050	.500	.240				19.00	32.00			663.
76	5	9	1445	14.0	.071	.030	.600	.160				25.10	31.00			656.
76	5	10	845	13.1	.097	.070	.700	.180				35.70	34.00			652.
76	5	10	1450	12.7	.079		1.100	1.000				30.80	32.00			645.
76	5	11	1450	11.9	.100		1.000	1.000				40.80	31.00			645.
76	5	12	1450	9.8	.094	.020	.800	.230				39.20	31.00			643.
76	5	13	1450	10.9	.150	.150	.700	1.000				43.50	31.00			649.
76	5	14	1450	9.8	.101		.600	.290				43.00	31.00			660.
76	5	15	1450	10.3	.138		.500	.570				77.60	34.00			674.
76	5	16	1450	10.6	.104		.500	1.000				48.30	34.00			685.
76	5	17	850	10.7	.122		.600	1.000				58.80	32.00			685.
76	5	17	1440	10.5	.138	.040	.700	.030				65.40	33.00			662.
76	5	17	2040	13.4	.183	.080	.700	.200				101.00	35.00			653.
76	5	18	240	28.9	.185	.040	1.100	.070				97.10	37.00			639.
76	5	18	840	71.1	.223	.040	2.900	.030				141.00	31.00			605.
76	5	18	1440	128.5	.260	.050	5.200	.070				177.00	31.00			619.
76	5	18	2040	118.5	.485	.080	13.500	.370				319.00	34.00			648.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : BROKEN SWORD CREEK

LOCATION W/CODE : NEAR NEVADA, OHIO USGS NO. 04196200

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	5	19	840	69.2	.265	.090	14.800	.310				110.00	33.00			589.
76	5	19	1440	48.1	.229	.050	14.600	.090				79.00	32.00			590.
76	5	20	1440	23.9	.153	.020	14.400	.100				55.40	35.00			636.
76	5	21	1440	20.0	.137	.010	11.200	.110				69.60	33.00			659.
76	5	22	1440	14.5	.124	.010	7.300	.010				60.80	31.00			660.
76	5	23	1440	12.6	.126	.010	4.600	.030				66.90	31.00			664.
76	5	24	840	11.2	.122	.030	3.400	.110				70.30	39.00			671.
76	5	24	1600	11.2	.120	.030		.050				59.60	30.00			678.
76	5	25	1600	11.0	.104	.020		.090				55.90	30.00			671.
76	5	26	1600	10.6	.093	.020		.070				46.90	30.00			673.
76	5	27	1600	10.0	.092	.010		.080				67.50	30.00			671.
76	5	28	1600	9.1	.114	.010		.070				71.00	29.00			674.
76	5	29	1600	8.6	.105	.010		.050				59.60	29.00			677.
76	5	29	2200	14.5	.725	.050		.070				607.00	28.00			533.
76	5	30	400	33.1	2.000	.030		.170				2496.00	20.00			419.
76	5	30	1000	17.0	1.190	.060		.340				987.00	24.00			473.
76	5	30	1600	14.7	.526	.020		.150				409.00	26.00			517.
76	5	30	2200	12.9	.359	.020		.070				274.00	28.00			591.
76	5	31	400	80.6	2.000	.020		.270				5614.00	14.00			262.
76	5	31	1000	49.7	.889	.030		.130				841.00	23.00			461.
76	5	31	1550	40.0	.314	.060	13.000	.020				247.00	27.00			561.
76	5	31	2150	34.0	.297	.060	12.700	.020				234.00	30.00			689.
76	6	1	350	37.7	.249	.050	12.100	.020				186.00	30.00			635.
76	6	1	950	69.8	.825	.030	11.200	.020				689.00	26.00			523.
76	6	1	1550	83.5	.244	.050	14.500	.030				149.00	30.00			623.
76	6	1	2150	93.2	.202	.030	16.000	.030				133.00	32.00			662.
76	6	2	350	93.2	.173	.030	15.700	.020				96.00	33.00			668.
76	6	2	950	97.9	.198	.050	14.600	.020				109.00	32.00			666.
76	6	2	1550	91.0	.180	.040	13.200	.030				105.00	33.00			661.
76	6	2	2150	81.4	.178	.040	14.900	.030				90.00	35.00			687.
76	6	3	350	64.8	.161	.040	17.200	.040				74.10	35.00			711.
76	6	3	950	49.7	.162	.030	17.300	.050				82.40	35.00			720.
76	6	3	1550	40.0	.148	.020	16.700	.040				76.70	35.00			726.
76	6	3	2150	33.4	.153	.020	17.200	.050				95.60	36.00			732.
76	6	4	350	25.8	.181	.020	17.000	.090				120.00	36.00			731.
76	6	4	950	25.3	.173	.020	16.500	.040				120.00	36.00			736.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : BROKEN SWORD CREEK

LOCATION W/CODE : NEAR NEVADA, OHIO USGS NO. 04196200

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	6	4	1550	22.4	.172	.020	15.700	.090				129.00	36.00			732.
76	6	4	2150	20.2	.181	.020	14.700	.040				174.00	35.00			730.
76	6	5	350	18.4	.219	.020	13.800	.040				153.00	35.00			727.
76	6	5	950	17.2	.203	.010	12.900	.030				126.00	35.00			722.
76	6	5	1550	16.2	.174	.010	12.200	.030				123.00	34.00			724.
76	6	5	2150	15.3	.167	.010	11.400	.030				97.00	34.00			723.
76	6	6	350	14.3	.158	.010	11.100	.030				127.00	34.00			719.
76	6	6	950	13.6	.172	.010	9.000	.030				95.10	34.00			716.
76	6	6	1550	13.1	.145		9.300	.020				163.00	33.00			715.
76	6	6	2150	13.1	.211		8.300	.010				286.00	33.00			720.
76	6	7	350	12.9	.306		7.300	.010				112.00	33.00			725.
76	6	7	950	12.3	.159		6.800	.010				85.50	32.00			711.
76	6	7	1445	12.1	.144	.020	6.300	1.040				90.20	32.00			704.
76	6	7	2045	11.8	.141	.020	5.500	.150				101.00	32.00			708.
76	6	8	245	11.6	.147	.020	5.300	.330				108.00	32.00			706.
76	6	8	845	9.8	.153	.030	4.800	.040				113.00	32.00			699.
76	6	8	1445	11.0	.135	.030	4.400	.100				99.30	31.00			700.
76	6	8	2045	10.7	.130	.030	3.900	.880				92.70	31.00			704.
76	6	9	245	10.7	.162	.030	3.600	.060				135.00	31.00			707.
76	6	9	845	10.4	.128	.030	3.300	.070				108.00	31.00			711.
76	6	9	1445	9.8	.138	.030	3.100	.040				87.00	31.00			708.
76	6	9	2045	9.8	.138	.030	2.700	.540				89.60	31.00			708.
76	6	10	245	9.4	.149	.030	2.500	.040				98.90	31.00			716.
76	6	10	845	9.3	.150	.030	2.300	.060				99.20	32.00			724.
76	6	10	1445	9.0	.143	.040	2.100	.070				84.30	31.00			716.
76	6	11	1445	8.1	.154	.030	1.400	.090				82.30	30.00			728.
76	6	12	1445	8.0	.163	.020	.900	.100				86.70	30.00			730.
76	6	13	1445	6.1	.198	.010	.200	.080				99.00	30.00			718.
76	6	14	845	7.0	.162	.010	.200	.090				39.70	30.00			713.
76	6	14	1443	6.8	.360	.060	.700	.040				67.80	27.00		1.00	643.
76	6	15	1445	6.8	.360	.070	.700	.050				62.70	27.00		1.00	652.
76	6	16	1445	6.7	.361	.080	.700	.060				69.90	27.00		2.00	631.
76	6	17	1445	7.8	.360	.070	.600	.040				38.40	27.00		1.00	643.
76	6	18	1448	7.3	.359	.050	.400	.080				40.00	27.00		1.00	647.
76	6	19	1448	27.5	.366	.050	4.100	.060				224.00	26.00		2.00	592.
76	6	20	1449	114.2	.379	.080	17.100	.140				253.00	32.00		5.00	633.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : BROKEN SWORD CREEK

LOCATION W/CODE : NEAR NEVADA, OHIO USGS NO. 04196200

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	6	20	2040	133.2	.369	.080	17.400	.060				247.00	30.00		4.00	621.
76	6	21	240	109.2	.368	.070	20.000	.100				134.00	30.00		5.00	643.
76	6	21	840	66.0	.368	.060	20.000	.090				244.00	29.00		2.00	633.
76	6	21	1450	48.6	.239	.040	20.000	.030				175.00	34.00			672.
76	6	21	2050	37.1	.209	.030	20.000	.040				144.00	35.00			696.
76	6	22	250	30.8	.181	.040	20.000	.020				125.00	36.00			709.
76	6	22	850	26.4	.201	.090	20.000					149.00	36.00			722.
76	6	22	1450	22.9	.180	.030	20.000	.020				127.00	35.00			728.
76	6	22	2050	20.4	.185	.030	20.000	.030				133.00	35.00			727.
76	6	23	250	18.0	.161	.030	20.000	.050				113.00	34.00			728.
76	6	23	850	16.2	.173	.020	18.800					124.00	34.00			730.
76	6	23	1450	15.3	.171	.020	18.100					122.00	34.00			726.
76	6	23	2050	14.7	.153	.030	17.200	.040				109.00	35.00			728.
76	6	24	250	14.3	.147	.040	15.900	.020				101.00	34.00			726.
76	6	24	850	13.1	.183	.030	14.800	.020				113.00	34.00			719.
76	6	24	1450	13.3	.186	.010	13.400					132.00	34.00			700.
76	6	24	2050	21.6	.340	.020	10.300					293.00	34.00			654.
76	6	25	250	49.7	.423	.040	11.100	.020				352.00	29.00			598.
76	6	25	850	60.6	.392	.040	13.200	.050				329.00	30.00			617.
76	6	25	1450	73.8	.332	.030	11.400	.070				265.00	28.00			625.
76	6	25	2050	78.5	.320	.050	12.800	.030				225.00	31.00			630.
76	6	26	250	78.5	.339	.090	15.200					211.00	32.00			633.
76	6	26	850	54.7	.320	.060	14.500	.070				214.00	31.00			639.
76	6	26	1450	41.6	.263	.030	15.500					176.00	30.00			636.
76	6	26	2050	33.1	.221	.030	16.400	.010				142.00	31.00			643.
76	6	27	250	26.6	.193	.020	16.800	.030				132.00	32.00			645.
76	6	27	850	22.2	.214	.030	16.700	.060				160.00	34.00			688.
76	6	27	1450	17.8	.187	.030	16.300	.030				145.00	34.00			699.
76	6	27	2050	18.6	.173	.010	15.600					116.00	34.00			705.
76	6	28	250	16.0		.020	15.200					143.00	35.00			714.
76	6	28	850	14.5	.159	.030	14.600	.020				104.00	35.00			711.
76	6	28	1420	14.0	.201	.060	10.500	.010				119.00	35.00		3.70	699.
76	6	29	220	14.3	.165	.060	10.600	.020				93.30	35.00		3.30	702.
76	6	29	1420	12.4	.175	.050	10.400	.040				80.30	35.00		3.00	705.
76	6	30	220	12.6	.207	.060	8.700	.040				134.00	33.00		3.80	694.
76	6	30	1420	13.1	.168	.050	6.600	.040				82.80	33.00		2.80	697.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : BROKEN SWORD CREEK

LOCATION W/CODE : NEAR NEVADA, OHIO USGS NO. 04196200

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 7 1	220	15.1	.167	.050	5.400	.060				96.70	32.00		2.80	696.
76 7 1	1420	25.3	.188	.050	4.400	.070				124.00	33.00		3.40	700.
76 7 2	220	23.1	.179	.040	3.300	.080				106.00	32.00		3.20	679.
76 7 2	1420	19.8	.169	.050	3.700	.060				82.60	31.00		2.70	652.
76 7 3	220	16.0	.156	.050	5.000	.040				73.40	28.00		2.60	591.
76 7 3	1420	13.8	.178	.040	6.400	.020				92.00	29.00		2.80	584.
76 7 4	220	12.6	.161	.030	6.600	.070				87.30	31.00		2.60	610.
76 7 4	1420	12.6	.172	.040	6.500	.010				91.70	31.00		2.90	629.
76 7 5	220	10.1	.172	.040	5.900	.020				97.20	31.00		2.90	645.
76 7 5	820	9.6	.163	.040	5.600	.030				83.90	32.00		2.80	653.
76 7 5	1439	9.4	.188	.060	6.000	.020				77.10	31.00			646.
76 7 6	100	9.7	.171	.050	5.700	.030				83.70	31.00			648.
76 7 6	1300	8.5	.150	.050	5.400	.030				81.30	31.00			657.
76 7 7	100	8.1	.146	.050	4.800	.030				76.30	30.00			660.
76 7 7	1300	10.1	.151	.040	4.300	.030				87.70	31.00			671.
76 7 8	100	42.6	.149	.040	4.100	.030				81.30	31.00			674.
76 7 8	1300	421.3	.148	.030	3.100	.040				80.40	33.00			663.
76 7 8	1900	384.5	.254	.040	3.700	.040				177.00	32.00			674.
76 7 9	100	447.3	.209	.040	3.200	.050				144.00	32.00			690.
76 7 9	700	447.3	1.410	.030	2.200	.080				1806.00	24.00			469.
76 7 9	1300	324.6	1.770	.030	4.400	.140				2390.00	11.00			291.
76 7 9	1900	211.2	1.580	.030	5.700	.110				1681.00	10.00			385.
76 7 10	100	123.9	1.250	.050	6.100	.080				1064.00	11.00			318.
76 7 10	700	94.0	1.360	.050	6.700	.080				1313.00	13.00			334.
76 7 12	1527	13.6	.207	.090	3.800					82.50				617.
76 7 13	230	13.4	.159	.090	3.700					45.10				622.
76 7 13	1430	11.6	.145	.090	3.500					37.60				618.
76 7 14	230	11.9	.145	.090	3.200					40.30				623.
76 7 14	1430	10.6	.141	.100	2.500					45.80				652.
76 7 15	230	9.7	.148	.080	2.400					41.70				651.
76 7 15	1430	9.4	.160	.080	2.200					62.00				665.
76 7 16	230	8.9	.162	.080	2.000									662.
76 7 16	1430	8.9	.170	.090	1.800					103.00				670.
76 7 17	230	9.8	.135	.070	1.800					68.60				674.
76 7 17	1430	9.3	.132	.080	1.600					58.60				679.
76 7 18	230	10.1	.149	.070	1.500					85.00				690.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : BROKEN SWORD CREEK

LOCATION W/CODE : NEAR NEVADA, OHIO USGS NO. 04196200

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	7	18	1430	10.1	.130	.070	1.400					61.60				693.
76	7	19	230	8.5	.126	.050	1.200					56.40				681.
76	7	19	830	9.6	.139	.040	1.000					68.50				686.
76	7	19	1900	10.0	.192	.060	.800	.190				91.80	29.00			673.
76	7	20	100	9.6	.158	.060	.800	.220				80.50	30.00			683.
76	7	20	700	9.6	.154	.050	.800	.140				83.40	29.00			686.
76	7	20	1300	9.6	.143	.060	.800	.120				84.00	29.00			696.
76	7	20	1900	9.6	.147	.050	.900	.070				75.90	28.00			702.
76	7	21	100	7.8	.138	.050	.800	.100				73.80	28.00			697.
76	7	21	700	7.8	.140	.050	.700	.120				77.80	27.00			692.
76	7	23	1300	16.8		.050	.470	.090					25.00			573.
76	7	23	1600	20.0		.060	.980	.150					21.00			506.
76	7	23	1900	27.8		.080	1.630	.100					19.00			469.
76	7	23	2200	30.3		.070	1.660	.090					20.00			484.
76	7	24	100	29.4		.080	1.410	.090					21.00			527.
76	7	24	400	29.4		.060	1.280	.070					24.00			556.
76	7	24	700	39.6		.020	.620	.020					22.00			523.
76	7	24	1000	310.6		.020	1.210	.170					21.00			526.
76	7	24	1300	552.3		.020	.990	.150					22.00			529.
76	7	24	1600	518.9		.020	.900	.110					21.00			527.
76	7	24	1900	404.7		.020	.880	.060					21.00			538.
76	7	24	2200	331.7		.020	.910	.030					22.00			550.
76	7	25	100	284.1		.020	.870	.360					21.00			547.
76	7	25	400	257.6		.020	.870	.110					19.00			494.
76	7	25	700	228.7		.020	.890	.060					17.00			451.
76	7	25	1000	198.3		.020	1.010	.060					16.00			449.
76	7	25	1300	161.9		.020	1.160	.050					16.00			434.
76	7	25	1600	136.1		.030	1.340	.080					15.00			420.
76	7	25	1900	111.6		.030	1.510	.050					15.00			406.
76	7	25	2200	93.2		.030	1.620	.040					15.00			392.
76	7	26	100	74.4		.020	1.610	.110					16.00			394.
76	7	26	400	64.2		.020	1.610	.050					16.00			394.
76	7	26	700	51.9		.020	1.620	.040					16.00			390.
76	7	26	1000	43.0		.010	1.610	.040					15.00			383.
76	7	26	1300	33.7		.010	1.610	.050					16.00			380.
76	7	26	1545	32.3	.237	.140	2.700	.010				120.00	18.00			425.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : BROKEN SWORD CREEK

LOCATION W/CODE : NEAR NEVADA, OHIO USGS NO. 04196200

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	7	26	2145	26.9	.204	.140	2.700	.030				98.10	19.00			440.
76	7	27	345	25.3	.180	.150	2.600	.020				79.90	20.00			467.
76	7	27	945	23.6	.185	.140	2.500	.020				87.80	20.00			470.
76	7	27	1545	18.2	.212	.140	2.300	.010				121.00	21.00			492.
76	7	27	2145	18.0	.192	.130	2.300	.020				106.00	21.00			499.
76	7	28	345	17.0	.181	.130	2.200	.040				93.70	21.00			507.
76	7	28	945	15.7	.150	.120	2.100	.040				63.20	22.00			516.
76	7	28	1545	14.5	.175	.120	2.000	.030				91.00	22.00			543.
76	7	28	2145	13.8	.163	.140	1.900	.050				82.00	22.00			538.
76	7	29	345	13.8	.154	.120	1.900	.020				72.10	22.00			545.
76	7	29	945	12.9	.151	.120	1.800	.040				58.70	23.00			559.
76	7	29	1545	12.6	.157	.120	1.800	.030				71.10	24.00			568.
76	7	29	2145	11.9	.148	.120	1.700	.040				75.70	24.00			576.
76	7	30	345	12.1	.158	.130	1.700	.050				69.20	25.00			580.
76	7	30	945	11.5	.167	.130	1.600	.030				88.40	24.00			586.
76	7	30	1545	11.0	.152	.130	1.600	.050				72.20	25.00			594.
76	7	30	2145	10.7	.147	.120	1.500	.040				68.00	26.00			598.
76	7	31	345	10.1	.143	.130	1.500	.030				63.80	26.00			600.
76	7	31	945	9.1	.156	.120	1.500	.080				74.50	26.00			602.
76	7	31	1545	8.9	.156	.120	1.400	.190				76.60	25.00			614.
76	7	31	2145	8.7	.144	.120	1.500	.050				61.30	25.00			622.
76	8	1	345	8.7	.144	.120	1.500	.050				70.50	26.00			631.
76	8	1	945	8.7	.141	.130	1.500	.020				65.00	26.00			641.
76	8	1	1545	8.7	.143	.110	1.400	.020				64.30	26.00			648.
76	8	1	2145	8.7	.138	.110	1.300	.010				67.00	26.00			643.
76	8	2	345	8.7	.139	.100	1.300	.020				65.70	26.00			641.
76	8	2	945	8.6	.137	.110	1.300	.010				68.20	27.00			647.
76	8	2	1900	7.8	.135	.090	.800	.060				48.20	32.00			640.
76	8	3	100	7.8	.133	.090	.900	.060				58.10	33.00			645.
76	8	3	700	7.8	.130	.090	.900	.060				60.00	33.00			643.
76	8	3	1300	7.8	.125	.090	.800	.040				50.40	33.00			642.
76	8	3	1900	7.6	.114	.090	.900	.050				35.40	33.00			643.
76	8	4	100	7.6	.114	.080	.900	.050				46.50	33.00			644.
76	8	4	700	7.6	.123	.110	.800	.040				55.00	33.00			640.
76	8	4	1300	7.3	.152	.090	.800	.060				78.80	33.00			639.
76	8	4	1900	5.9	.137	.090	.800	.030				65.70	33.00			642.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : BROKEN SWORD CREEK

LOCATION W/CODE : NEAR NEVADA, OHIO USGS NO. 04196200

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	8	5	100	5.9	.134	.093	.800	.040				69.10	33.00			652.
76	8	5	700	5.9	.126	.080	.900	.150				57.70	33.00			653.
76	8	5	1300	5.9	.112	.080	.900	.060				43.80	33.00			655.
76	8	5	1900	5.7	.117	.070	.900	.050				52.00	33.00			658.
76	8	6	100	5.5	.112	.080	.800	.070				46.00	33.00			657.
76	8	6	700	5.5	.131	.070	.900	.060				62.80	33.00			653.
76	8	6	1900	5.5	.128	.070	.800	.100				50.60	33.00			653.
76	8	6	1300	5.5	.140	.070	.800	.080				80.60	34.00			652.
76	8	7	100	5.5	.114	.080	.800	.100				40.20	33.00			658.
76	8	7	700	6.5	.102	.070	.800	.080				34.90	33.00			664.
76	8	7	1300	8.7	.129	.080	.700	.080				59.80	33.00			665.
76	8	7	1900	15.7	.129	.070	.700	.060				65.20	33.00			646.
76	8	8	100	24.7	.125	.070	.700	.050				63.80	33.00			643.
76	8	8	700	53.0	.114	.060	.600	.060				50.20	33.00			642.
76	8	8	1300	44.5	.105	.070	.700	.060				39.80	33.00			642.
76	8	8	1900	36.8	.117	.070	.700	.080				40.60	33.00			643.
76	8	9	100	30.8	.133	.070	.700	.080				57.00	33.00			647.
76	8	9	700	23.6	.137	.070	.700	.070				59.40	33.00			651.
76	8	9	1300	18.8	.141	.070	.700	.070				63.10	33.00			648.
76	8	9	1900	16.0	.214	.100	1.700	.080				77.30	25.00			509.
76	8	10	700	12.6	.164	.110	1.800	.050				45.60	26.00			511.
76	8	10	1900	11.0	.187	.120	1.700	.050				57.30	26.00			521.
76	8	11	700	11.0	.158	.100	1.700	.040				69.40	27.00			534.
76	8	11	1900	9.1	.178	.100	1.600	.050				72.50	29.00			544.
76	8	12	700	8.5	.174	.100	1.600	.050				64.80	30.00			544.
76	8	12	1900	8.1	.184	.090	1.600	.070				53.00	31.00			560.
76	8	13	700	7.6	.179	.090	1.500	.060				75.40	31.00			573.
76	8	13	1900	8.7	.153	.090	1.300	.100				58.40	31.00			585.
76	8	14	700	8.7	.163	.080	1.300	.070				79.90	30.00			592.
76	8	14	1900	9.7	.173	.080	1.200	.090				84.90	29.00			611.
76	8	15	700	10.6	.143	.070	1.100	.070				63.40	32.00			620.
76	8	15	1900	10.6	.142	.070	1.000	.060				58.90	30.00			622.
76	8	16	700	9.6	.132	.060	.900	.070				43.40	30.00			628.
76	8	16	1300	8.9	.142	.050	.800	.080				72.00	30.00			643.
76	8	17	1300	7.5	.132	.130	.900	.050				83.90	34.00			639.
76	8	18	1300	6.1	.115	.110	.900	.050				33.30	35.00			658.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : BROKEN SWORD CREEK

LOCATION W/CODE : NEAR NEVADA, OHIO USGS NO. 04196200

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	8	19	1300	6.1	.134	.100	.700	.060				41.00	36.00			666.
76	8	20	1300	7.1	.115	.090	.700	.070				26.80	36.00			661.
76	8	21	1300	6.2	.105	.070	.600	.030				19.40	35.00			663.
76	8	22	1300	5.9	.101	.070	.500	.020				13.30	35.00			685.
76	8	23	1300	6.1	.094	.070	.500	.040				24.10	35.80			685.
76	8	23	1448	6.1	.104	.100	.500	.080				35.20	35.00			662.
76	8	23	2048	6.0	.099	.070	.400	.040				45.20	34.00			666.
76	8	24	248	5.5	.115	.080	.400	.070				60.30	33.00			670.
76	8	24	848	5.1	.104	.080	.400	.310				42.80	33.00			676.
76	8	24	1448	5.1	.080	.080	.400	.070				33.40	33.00			672.
76	8	24	2048	5.1	.085	.070	.400	.040				39.40	33.00			673.
76	8	25	248	5.1	.090	.070	.400	.040				62.90	33.00			674.
76	8	25	848	5.1	.092	.080	.300	.030				44.80	33.00			681.
76	8	25	1445	5.1	.080	.080	.400	.030				31.20	33.00			682.
76	8	25	2048	5.1	.100	.100	.400	.040				35.30	33.00			685.
76	8	26	248	5.1	.091	.070	.400	.030				53.20	33.00			689.
76	8	26	848	5.5	.104	.090	.400	.050				51.50	33.00			685.
76	8	26	1448	6.1	.104	.090	.300	.040				41.00	33.00			689.
76	8	31	1420	5.1	.147	.052	.170	.089				48.60	33.70			739.
76	9	1	1420	5.2	.100	.056	.180	.061					31.80			745.
76	9	2	1420	6.2	.101	.056	.190	.057				66.00	32.20			756.
76	9	3	1420	4.8	.085	.050	.200	.055				10.10	32.10			758.
76	9	4	1420	4.8	.084	.045	.200	.017				13.80	32.30			757.
76	9	5	1420	4.5	.084	.039	.230	.112				12.10	33.50			757.
76	9	6	1420	4.5	.083	.048	.250	.020				5.40	34.10			748.
76	9	6	1445	4.5	.077	.077	.330	.055				22.50	34.10		.78	748.
76	9	7	1445	3.7	.067	.066	.300	.059				23.90	34.90		.68	738.
76	9	8	1445	4.3	.062	.054	.370	.055				17.50	35.00		.49	733.
76	9	9	1445	4.1	.077	.051	.380	.027				29.60	35.40		.84	732.
76	9	10	1445	6.8	.140	.059	.310	.044				63.80	41.40		1.58	702.
76	9	11	1445	5.0	.083	.045	.190	.035				27.10	34.80		.88	722.
76	9	12	1445	4.3	.054	.038	.180	.014				16.10	34.40		.58	701.
76	9	13	845	4.3	.069	.039	.180	.022				34.20	34.10		1.12	718.
76	9	13	1435	4.2	.092	.064	.270	.040				24.40	32.40			727.
76	9	14	1435	3.9	.077	.056	.240	.040				23.90	31.60			744.
76	9	15	1435	4.0	.082	.046	.220	.036				27.10	30.90			752.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : BROKEN SWORD CREEK

LOCATION W/CODE : NEAR NEVADA, OHIO USGS NO. 04196200

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	9	16	1435	4.0	.091	.048	.210	.029				30.00	31.50			768.
76	9	17	1435	5.0	.101	.057	.170	.056				39.60	29.70			737.
76	9	18	1435	4.7	.089	.059	.170	.054				22.80	32.40			749.
76	9	19	1435	4.6	.068	.052	.130	.022				12.70	30.20			753.
76	9	20	835	4.3	.085	.054	.140	.019				28.10	30.20			744.
76	9	20	1600	4.3	.084	.054	.290	.085				16.20	30.80			727.
76	9	21	1600	4.4	.079	.050	.210	.022				10.00	31.20			724.
76	9	22	1600	4.0	.071	.040	.190	.067				12.10	31.20			727.
76	9	23	1600	5.0	.074	.041	.170	.018				12.00	30.80			731.
76	9	24	1600	4.4	.067	.037	.140	.027				11.50	29.80			746.
76	9	25	1600	4.0	.065	.028	.130					9.70	29.30			750.
76	9	26	1600	3.9	.070	.021	.130	.001				13.10	28.40			730.
76	9	27	1000	7.1	.106	.040	.200	.057				28.80	36.20			734.
76	9	27	1445	9.4	.187	.064	.340	.058				92.90	32.70			701.
76	9	27	2045	10.3	.135	.056	.410	.035				71.30	31.60			715.
76	9	28	245	10.4	.176	.062	.390	.052				110.80	32.40			694.
76	9	28	845	10.4	.123	.048	.310	.042				67.20	32.60			693.
76	9	28	1445	11.2	.107	.042	.260	.078				54.30	34.10			718.
76	9	28	2045	11.8	.097	.038	.210	.044				56.60	32.80			746.
76	9	29	245	11.9	.076	.050	.240	.052				44.50	31.30			770.
76	9	29	845	11.0	.068	.052	.270	.030				30.70	30.90			770.
76	9	29	1445	9.4	.057	.053	.330	.068				19.80	32.60			750.
76	9	30	1445	6.9	.065	.050	.580	.067				15.10	36.20			669.
76	10	1	1445	2.7	.071	.043	.640	.048				17.60	39.70			667.
76	10	2	1445	2.2	.073	.032	.590	.038				20.00	39.40			670.
76	10	3	1445	2.2	.068	.034	.650	.018				17.80	39.80			674.
76	10	4	845	2.2	.070	.051	.570	.017				23.10	38.60			675.
76	10	4	1535	2.0	.072	.021	.680	.069				29.00	41.50			688.
76	10	5	1535	2.0	.066	.022	.410	.080				19.70	41.80			681.
76	10	6	1535	2.0	.098	.015	.270	.115				17.70	41.50			674.
76	10	7	1535	2.2	.066	.018	.130	.118				21.20	40.80			691.
76	10	8	1535	2.3	.057	.016	.070	.091				10.20	40.70			696.
76	10	9	1535	2.3	.053	.022	.110	.047				7.10	38.80			695.
76	10	10	1535	2.7	.058	.024	.120	.033				6.80	41.10			770.
76	10	11	935	3.0	.050	.019	.110	.043				8.90	38.20			728.
76	10	19	100	2.8	.079	.022		.045				17.90	39.00			812.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : BROKEN SWORD CREEK

LOCATION W/CODE : NEAR NEVADA, OHIO USGS NO. 04196200

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	10	19	1900	2.8	.050	.019		.029				7.50	39.20			807.
76	10	20	1900	3.1	.054	.054		.014				5.60	40.50			795.
76	10	21	1900	4.5	.061	.033		.040				8.50	44.50			795.
76	10	22	1900	5.2	.042	.031		.027				6.70	40.60			782.
76	10	23	1900	3.9	.035	.026		.021				4.80	40.90			790.
76	10	24	1900	4.5	.036	.023		.020				9.70	41.80			814.
76	10	25	1300	5.2	.041	.018		.028				11.60	40.30			817.
76	10	25	1900	5.2	.054	.019	.070	.050				12.10	30.50	7.44		820.
76	10	26	1900	6.3	.050	.019	.070	.080				7.70	31.40	7.58		834.
76	10	27	1900	5.9	.042	.017	.060	.024				4.50	33.00	6.85		809.
76	10	28	1900	4.9	.040	.005	.070	.075				3.80	36.50	7.20		826.
76	10	29	1900	3.6	.040	.001	.150	.018				3.20	38.70	6.96		831.
76	10	30	1900	3.4	.041	.007	.190	.007				2.70	37.30	6.71		806.
76	10	31	1900	3.3	.040	.010	.220	.003				3.30	39.90	6.91		788.
76	11	1	1300	3.5	.040	.010	.200	.028				3.20	39.30	6.51		774.
76	11	2	1300	4.5	.032	.016	.250	.040				7.00	38.20	6.59		764.
76	11	3	1300	4.9	.040	.016	.240	.022				3.00	38.40	6.65		786.
76	11	4	1300	4.5	.031	.024	.170	.021				7.00	37.90	5.97		791.
76	11	5	1300	4.4	.028	.020	.160	.012				6.70	38.80	5.90		788.
76	11	6	1300	4.2	.029	.007	.190	.035				4.70	42.30	6.00		765.
76	11	7	1300	3.8	.029		.150	.037				4.60	43.40	4.80		758.
76	11	8	1300	3.4	.028	.008	.140	.013				5.20	44.00	4.70		755.
76	11	8	1900	3.4	.043	.017	.150	.022				3.40	44.80	3.83		738.
76	11	9	1900	3.2	.015	.011	.120	.013				2.80	41.70	3.79		748.
76	11	10	1900	3.1	.013	.010	.100	.017				3.90	39.10	3.38		739.
76	11	11	1900	3.2	.013	.007	.090	.018				2.40	37.60	3.86		744.
76	11	12	1900	3.1	.014	.010	.070	.020				2.20	36.80	3.11		734.
76	11	13	1900	3.2	.012	.010	.070	.033				2.10	36.70	2.78		737.
76	11	14	1900	3.3	.014	.006	.070	.013				4.10	37.50	2.53		748.
76	11	15	1300	3.3	.013	.008	.070	.009				4.70	38.00	3.87		757.
76	11	15	1900	3.3	.025	.018	.070	.019				3.10	37.80			763.
76	11	16	1900	3.3	.032	.016	.070	.027				4.10	38.40			767.
76	11	17	1300	3.8	.024	.017	.070	.046				4.40	38.60			774.
76	11	22	1900	2.7	.025	.025	.120	.002				74.90	50.10	3.15		
76	11	23	1900	2.5	.127	.026	.130	.003				7.50	47.40	2.64		755.
76	11	24	1900	2.3	.241	.054	.080					6.80	88.90	2.85		982.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : BROKEN SWORD CREEK

LOCATION W/CODE : NEAR NEVADA, OHIO USGS NO. 04196200

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	11	25	1900	2.1	.084	.027	.040					5.20	54.40	3.78		844.
76	11	26	1900	2.0	.052	.029	.030	.006				7.60	44.20	1.81		983.
76	11	27	1900	1.8	.036	.019	.030	.006				7.80	50.20	3.71		781.
76	11	28	1900	1.8	.034	.012		.008				4.80	38.90	3.21		746.
76	11	29	1300	1.7	.024	.008		.008				4.80	36.40	5.19		740.
76	12	7	1300	1.6	.020	.006	.120	.010		.383		12.00	38.90	2.53		859.
76	12	8	1300	1.7	.021	.007	.100	.017		.653		7.80	47.20	3.10		894.
76	12	9	1300	1.7	.023	.005	.090	.036		.375		8.80	42.60	2.51		875.
76	12	10	1300	1.8	.021	.004	.060	.023		.451		8.10	42.90	2.67		886.
76	12	11	1300	1.9	.022	.005	.080	.032		.524		8.50	43.60	2.78		908.
76	12	12	1300	2.0	.023	.002	.080	.023		.650		4.70	43.20	2.95		887.
76	12	13	1300	2.2	.020	.003	.070	.026		.375		4.50	39.40	1.89		846.
76	12	14	700	2.2	.018	.003	.070	.023		.400		5.80	37.30	2.30		883.
76	12	14	1300	2.3		.005	.050	.059		.200		5.00	39.20	1.40	.30	868.
76	12	15	1300	2.5	.006	.006	.050	.037		.200		5.80	38.60	1.40	.30	868.
76	12	16	1300	2.6	.002		.030	.028		.200		6.60	40.30	1.40	.20	896.
76	12	17	1300	2.7	.003	.001	.050	.107		.200		4.20	40.90	1.50	.30	893.
76	12	18	1300	2.8	.003	.003	.060	.170		.100		3.70	41.50	1.30	.30	886.
76	12	19	1300	2.9	.004	.004	.050	.251		.100		3.10	41.60	1.30	.20	884.
76	12	20	700	3.0	.004		.080	.075		.200		4.70	40.80	1.30	.30	862.
76	12	20	1300	3.0	.029	.001	.110	.035		.600		2.10	43.90	3.20		856.
76	12	21	1300	3.2	.025		.140	.026		.600		2.90	54.20	2.80		845.
76	12	22	1300	3.1	.017		.110	.040		.600		4.50	43.40	3.30		770.
76	12	23	1300	3.1	.020		.080	.048		.600		2.10	45.80	2.70		848.
76	12	24	1300	3.1	.028		.070	.023		.600		6.60	49.40	2.20		909.
76	12	25	1300	3.1	.019		.090	.026		.700		5.40	47.90	2.50		897.
76	12	26	1300	3.1	.019		.100	.035		.700		3.50	45.90	4.30		908.
76	12	27	700	3.1	.019		.100	.026		.600		4.50	44.80	2.60		888.
76	12	28	1900	3.1	.017	.003	.130	.037		.100		5.90	43.70	2.50		866.
76	12	27	1900	3.1	.014	.006	.130	.025		.200		3.80	44.50	2.60		904.
77	1	2	1900	3.0	.022	.008	.180	.040		.208		11.60	45.10	3.23		895.
77	1	3	1300	2.9	.014	.006	.190	.017		.259		5.50	43.90	3.11		899.
77	1	3	1900	2.9	.322	.321	.160	.070				6.90	40.10			829.
77	1	4	1900	2.9	.020	.020	.150	.036				3.30	39.90			856.
77	1	5	1900	2.8		.011	.170	.047				6.20	39.90			859.
77	1	6	1900	2.8		.012	.170	.037				5.60	40.10			862.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : BROKEN SWORD CREEK

LOCATION W/CODE : NEAR NEVADA, OHIO USGS NO. 04196200

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	1	7	1900	2.7		.012	.190	.186				3.60	40.00			875.
77	1	12	1300	2.6	.062	.010	.300	.091				15.50	46.50			813.
77	1	13	1300	2.3	.021	.003	.320	.065				4.10	45.90			813.
77	1	14	1300	2.2	.022	.009	.350	.061				2.60	44.40			831.
77	1	15	1300	2.1	.024	.005	.360	.057				1.30	43.80			843.
77	1	16	1300	2.0	.024	.002	.390	.081					43.70			849.
77	1	17	1300	2.0	.023	.011	.410	.067				1.00	43.00			851.
77	1	18	700	1.9	.023	.013	.420	.057					43.00			855.
77	1	18	1900	1.9	.063	.046	.390	.075				11.20	36.10			832.
77	1	19	1900	1.8	.078	.066	.400	.115				9.10	35.70			863.
77	1	20	1900	1.8	.065	.049	.400	.094				6.50	35.80			860.
77	1	21	1900	1.7	.056	.039	.430	.098				5.10	37.30			882.
77	1	22	1900	1.7	.044	.044	.410	.127				3.20	38.40			876.
77	1	23	1900	1.6	.054	.024	.430	.127				4.00	36.40			869.
77	1	24	1900	1.6	.252	.079	.470	.343				5.00	34.70	7.61		863.
77	1	25	1900	1.6	.099	.043	.490	.285				5.40	39.10	7.40		875.
77	1	26	1900	1.5	.066	.038	.490	.348				5.70	36.00	7.99		866.
77	1	27	1900	1.4	.056	.041	.440	.306				7.90	36.30	8.10		856.
77	1	28	1900	1.4	.047	.029	.450	.293				5.10	36.10	7.72		858.
77	1	29	1900	1.3	.033	.023	.460	.275				5.20	34.20	7.72		856.
77	1	30	1900	1.3	.025	.018	.490	.271				6.70	34.20	8.08		855.
77	1	31	1300	1.2	.018	.011	.500	.422				3.80	34.30	8.20		851.
77	2	3	1300	1.1	.027	.018	.540	.268				1.90	33.10	6.50		849.
77	2	4	1300	1.1	.017	.015	.540	.266				1.60	33.70	6.55		848.
77	2	5	1300	1.1	.022	.014	.540	.290				1.60	38.70	6.67		866.
77	2	6	1300	1.0	.018	.015	.550	.280				1.90	37.50	6.62		864.
77	2	7	1300	1.0	.020	.014	.560	.264				2.30	35.80	6.68		867.
77	2	7	1900	1.0	.023	.014	.610	.323				5.00	43.10	8.57		887.
77	2	8	1900	1.0	.021	.009	.590	.385				4.80	40.80	9.10		889.
77	2	9	1900	1.0	.020	.013	.590	.336				4.60	38.80	9.32		879.
77	2	10	2200	1.0	.035	.022	.600	.248				4.30	42.90	8.61		864.
77	2	11	100	1.0	.044	.026	.600	.273				3.60	54.10	9.29		901.
77	2	11	400	1.0	.045	.027	.600	.277				3.50	60.30	8.16		921.
77	2	11	700	1.0	.041	.024	.600	1.220				3.80	58.70	8.31		909.
77	2	11	1000	1.0	.043	.023	.610	.287				3.20	72.40	9.27		955.
77	2	11	1300	1.0	.048	.023	.650	.298				4.30	104.00	8.64		1097.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : BROKEN SWORD CREEK

LOCATION W/CODE : NEAR NEVADA, OHIO USGS NO. 04196200

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 2 11	1600	1.0	.077	.050	.720	.288				6.40	121.00	8.42		1172.
77 2 11	1900	1.0	.057	.027	.690	.269				6.10	105.00	8.02		1080.
77 2 11	2200	1.0	.061	.030	.670	.262				6.20	90.10	8.57		1020.
77 2 12	100	1.1	.050	.019	.650	.251				5.50	81.80	7.89		980.
77 2 12	400	1.1	.061	.020	.770	.278				8.60	126.00	7.70		1194.
77 2 12	700	1.1	.071	.025	.910	.297				9.20	139.00	7.81		1250.
77 2 12	1000	1.1	.071	.030	.940	.275				8.90	125.00	7.46		1160.
77 2 12	1300	1.1	.064	.032	.950	.265				7.70	108.00	8.32		1052.
77 2 12	1600	1.1	.087	.030	1.060	.254				10.30	96.00	6.82		979.
77 2 12	1900	1.1	.114	.058	1.260	.305				10.00	82.00	7.17		888.
77 2 12	2200	1.1	.114	.047	1.250	.314				9.50	69.40	6.96		842.
77 2 13	100	1.1	.160	.070	1.480	.353				20.20	110.00	6.67		974.
77 2 13	400	2.1	.160	.065	1.520	.348				21.40	99.70	6.79		900.
77 2 13	700	2.1	.132	.053	1.440	.351				15.80	78.30	6.53		827.
77 2 13	1000	2.1	.160	.068	1.640	.362				13.80	65.10	6.54		718.
77 2 13	1300	2.1	.160	.069	1.690	.422				13.80	60.40	6.28		715.
77 2 13	1600	2.1	.302	.160	2.240	.715				21.50	52.30	6.23		624.
77 2 13	1900	2.1	.412	.254	2.570	.830				23.30	51.70	5.80		579.
77 2 13	2200	2.1	.423	.259	2.620	.795				22.00	50.70	5.88		570.
77 2 14	100	88.6	.391	.238	2.590	.755				18.10	49.40	5.99		574.
77 2 14	400	69.2	.375	.269	2.650	.790				16.90	48.10	6.09		564.
77 2 21	1510	28.9	.306	.117	3.090	.864				29.00	50.20	5.68		607.
77 2 21	2110	25.8	.262	.109	3.140	.945				21.30	51.80	5.80		629.
77 2 22	310	25.8	.255	.097	3.030	.834				29.60	50.80	5.71		636.
77 2 22	910	27.8	.250	.109	2.900	.774				29.20	45.80	5.11		633.
77 2 22	1510	28.9	.242	.104	2.900	.791				29.20	48.40	5.43		642.
77 2 22	2110	42.6	.271	.106	2.640	.722				37.80	47.70	5.09		557.
77 2 23	310	273.0	.480	.152	2.520	.987				71.00	39.80	4.17		370.
77 2 23	910	331.7	.234	.225	2.410	1.280				70.70	37.50	4.88		344.
77 2 23	1210	378.6	.665	.224	2.400	.886				75.00	36.50	4.00		313.
77 2 23	1500	477.5	.664	.188	2.510	1.090				120.00	37.50	4.13		308.
77 2 23	1800	691.5	.696	.130	2.670	1.100				202.00	39.50	4.45		296.
77 2 23	2100	818.4	.578	.119	2.670	.897				171.00	39.80	4.47		277.
77 2 23	2359	867.7	.725	.116	2.790	1.380				357.00	41.10	4.58		283.
77 2 24	300	871.3	.469	.116	2.550	.793				151.00	37.50	4.28		273.
77 2 24	600	871.3	.443	.111	2.620	.693				166.00	38.10	4.50		277.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : BROKEN SWORD CREEK

LOCATION W/CODE : NEAR NEVADA, OHIO USGS NO. 04196200

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	2	24	900	910.0	.476	.103	2.580	1.580				206.00	37.60	4.18		279.
77	2	24	1200	947.3	.438	.094	2.580	.761				178.00	37.80	4.29		273.
77	2	24	1500	960.1	.352	.103	2.700	.804				117.00	40.40	4.53		280.
77	2	24	1800	947.3	.375	.099	2.710	1.020				72.00	39.90	4.50		278.
77	2	24	2100	964.3	.255	.101	2.710	.712				65.20	39.80	4.51		282.
77	2	24	2359	864.2	.253	.091	2.710	.844				100.00	37.20	4.24		288.
77	2	25	300	853.4	.235	.091	2.750	.651				64.00	35.60	4.10		289.
77	2	25	600	846.2	.208	.097	2.830	.827				42.40	37.30	4.60		296.
77	2	25	900	811.5	.207	.081	2.950	1.030				43.80	37.30	4.29		309.
77	2	25	1200	777.7	.194	.110	2.820	.773				30.80	40.20	4.68		325.
77	2	25	1430	676.2	.167	.042	5.000	1.950		1.310		29.20	39.70	4.94		320.
77	2	25	1730	632.0	.156	.037	4.900	.699		1.710		25.10	39.70	4.91		349.
77	2	25	2030	643.6	.141	.041	5.290	1.780		1.550		24.20	41.70	5.14		364.
77	2	25	2330	573.5	.148	.037	5.310	.575		1.620		17.40	41.90	5.07		377.
77	2	26	230	475.1	.134	.039	5.210	.357		1.330		15.50	41.00	5.09		388.
77	2	26	530	370.9	.119	.040	5.280	.552		1.330		14.80	41.20	5.02		405.
77	2	26	830	300.5	.109	.034	5.430	1.010		1.310		11.80	41.90	5.08		414.
77	2	26	1130	259.1	.112	.047	5.410	.500		1.380		13.60	41.90	5.20		425.
77	2	26	1430	230.0	.103	.038	5.420	.403		1.270		12.60	41.70	5.27		437.
77	2	26	1730	205.9	.117	.031	5.420	1.240		1.490		20.10	41.40	5.21		442.
77	2	26	2030	186.0	.157	.033	5.420	.603		1.360		29.90	41.80	5.31		448.
77	2	26	2330	175.4	.109	.032	5.280	.372		1.140		15.10	41.20	5.30		456.
77	2	27	230	175.4	.112	.034	5.270	.488		.897		19.70	41.90	5.31		465.
77	2	27	530	187.2	.101	.031	5.250	.891		1.140		12.50	41.80	5.25		465.
77	2	27	830	219.1	.104	.032	5.310	.380		1.440		15.70	42.10	5.61		475.
77	2	27	1130	219.1	.108	.033	5.460	1.140		.858		17.00	42.50	5.29		481.
77	2	27	1430	219.1	.112	.034	5.570	.363		1.240		16.10	42.80	5.28		475.
77	2	27	1730	219.1	.106	.032	5.670	.569		.979		14.40	43.00	5.40		494.
77	2	27	2030	219.1	.105	.025	5.610	.417		1.230		8.70	42.80	4.93		456.
77	2	27	2330	205.9	.139	.040	6.130	1.220		1.200		85.60	45.10	5.50		489.
77	2	28	230	192.0	.143	.029	6.350	.278		1.370		90.30	46.00	5.80		494.
77	2	28	530	176.6	.137	.033	6.280	.282		1.510		86.60	45.70	5.59		495.
77	2	28	830	159.7	.105	.035	6.150	.797		1.010		26.90	45.50	5.49		502.
77	2	28	1130	144.0	.100	.032	6.290	1.530		1.090		13.50	46.30	5.63		507.
77	2	28	1300	148.1	.173	.075	6.600	.309		1.250		29.20	49.80	6.73	1.50	516.
77	3	1	1300	53.6	.090	.058	6.070	.252		1.280		5.40	48.80	6.84	.78	560.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : BROKEN SWORD CREEK

LOCATION W/CODE : NEAR NEVADA, OHIO USGS NO. 04196200

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	3	2	1300	42.6	.076	.047	5.020	.263		.830		5.00	44.80	6.71	.70	587.
77	3	3	1300	32.3	.066	.045	4.700	.215		.830		4.70	44.10	6.70	.60	603.
77	3	4	1300	61.2	.088	.052	5.530	.247		.850		8.00	47.60	6.58	1.10	546.
77	3	5	1300	192.0	.097	.046	8.040	.221		1.300		8.50	50.40	6.41	1.20	521.
77	3	6	1300	73.1	.076	.048	6.990	.206		.900		4.90	49.70	6.68	.70	573.
77	3	7	700	51.4	.062	.052	6.530	.224		.780		4.40	49.90	6.82	.70	601.
77	3	7	1900	70.5	.046	.046	5.380	.139				2.40	46.80	7.13		597.
77	3	8	1900	67.3	.076	.044	5.220	.118				24.90	48.80	7.28		597.
77	3	9	1900	68.6	.043	.043	4.700	.165				5.40	47.50	7.31		606.
77	3	10	1900	68.6	.041	.041	4.310	.136				5.40	46.60	7.57		608.
77	3	11	1900	58.8	.050	.045	4.370	.119				3.80	48.10	7.21		599.
77	3	12	1900	61.2	.034	.030	4.020	.323				3.20	49.30	6.95		602.
77	3	13	1900	225.9	.063	.024	5.670	.151				13.80	54.20	7.55		589.
77	3	14	1300	136.1	.053	.036	6.260	.110				9.10	54.90	7.66		596.
77	3	14	1900	122.1	.065	.048	6.990	.046				6.80	55.20	8.67	.50	599.
77	3	15	1900	81.4	.061	.041	5.720	.077				6.80	51.20	8.38	.40	611.
77	3	16	1900	60.6	.051	.043	4.710	.108				7.80	49.00	8.38	.40	616.
77	3	17	1900	44.9	.045	.037	3.920	.080					47.60	6.93	.30	632.
77	3	18	1600	529.1	.125	.050	5.730	.092				50.20	39.20	6.27	3.20	464.
77	3	19	400	603.7	.124	.053	7.820	.220				30.00	41.50	7.48	2.50	445.
77	3	19	1600	584.4	.107	.052	8.740	.095				17.60	41.80	7.83	1.70	459.
77	3	19	1900	557.6	.096	.056	9.030	.172				12.20	42.60	7.59	1.40	473.
77	3	19	2200	501.5	.103	.040	8.850	.115				27.60	40.80	8.54	1.00	461.
77	3	20	1000	241.4	.071	.030	8.270	.122					41.10	8.78	.40	501.
77	3	20	2200	215.1	.061	.028	7.910	.067				5.80	42.80	9.66	.20	527.
77	3	21	1000	175.4	.057	.023	7.710	.069				5.60	42.90	8.53	.10	538.
77	3	21	2200	145.0	.055	.019	7.640	.062				4.70	44.50	8.12	.10	552.
77	3	22	1000	194.5	.061	.024	6.900	.047				5.70	43.70	8.15	.20	550.
77	3	22	2200	463.4	.097	.021	7.040	.069				14.80	37.70	9.29	1.30	464.
77	3	23	700	475.1	.091	.027	7.880	.104				9.50	38.30	7.23	1.10	464.
77	3	23	1600	445.0	.148	.021	8.540	.028				10.60	37.50	8.00	3.10	483.
77	3	24	400	295.5	.076	.021	8.300	.022				8.00	37.70	7.91	1.40	503.
77	3	24	1600	191.2	.061	.019	7.600	.398				5.80	36.90	7.69	.90	527.
77	3	25	400	137.0	.053	.017	7.280	.068				6.70	37.40	9.04	.70	546.
77	3	25	1600	110.8	.047	.016	6.660	.135				6.30	37.10	7.92	.70	562.
77	3	26	400	97.9	.046	.020	6.140	.029				5.70	36.80	8.64	.60	577.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : BROKEN SWORD CREEK

LOCATION W/CODE : NEAR NEVADA, OHIO USGS NO. 04196200

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	OPTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 3 26	1300	81.4	.038	.033	6.430	.209				4.80	36.80	6.77	.50	594.
77 3 27	100	76.5	.039	.030	6.030	.204				5.40	36.40	6.88	.50	599.
77 3 27	1300	69.2	.036	.029	5.950	.064				7.20	36.20	6.44	.50	607.
77 3 28	100	69.2	.045	.040	6.000	.240				12.70	36.80	6.37	.80	597.
77 3 28	1300	161.9	.041	.040	6.320	.112				6.30	36.90	6.09	.60	578.
77 3 28	1600	211.2	.050	.025	4.750	.128				9.20	30.60	7.21	.90	551.
77 3 29	400	438.5	.054	.033	6.300	.048				28.20	30.30	8.08	.70	503.
77 3 29	1600	436.4	.054	.029	7.440	.086				11.00	31.80	8.71	.60	512.
77 3 30	400	317.6	.055	.029	7.370	.049				12.90	32.80	9.07	.80	523.
77 3 30	1600	208.5	.045	.020	6.930	.079				28.30	32.70	9.55	.40	546.
77 3 31	400	150.2	.038	.029	6.290	.041				17.40	32.40	8.79	.20	566.
77 3 31	1600	91.7	.037	.022	6.000	.043				5.40	32.50	8.12	.20	575.
77 4 1	100	80.6	.036	.027	5.600	.040				6.00	32.40	7.49	.20	587.
77 4 4	1600	617.7	.329	.056	7.480	.061				127.00	21.30	9.20	7.80	422.
77 4 5	1600	178.9	.135	.037	6.430	.080				37.70	25.90	10.00	2.90	507.
77 4 6	1900	174.3	.116	.036	6.380	.059				27.60	24.20	7.22	2.20	502.
77 4 7	1900	182.4	.091	.023	6.500	.153				18.50	26.00	6.68	1.60	515.
77 4 8	1900	153.3	.077	.030	6.420	.048				14.50	25.90	6.39	1.40	527.
77 4 9	1900	101.7	.068	.021	6.030	.027				16.10	26.40	6.01	1.40	548.
77 4 10	1900	80.6	.069	.016	5.390	.328				20.80	26.70	5.39	1.40	571.
77 4 11	1900	64.2	.060	.020	4.020	.399				26.50	25.80	3.23	1.00	579.
77 4 12	1900	47.7	.054	.010	3.720	.104				21.70	25.80	3.39	.80	592.
77 4 13	1900	40.0	.054	.015	3.410	.673				27.20	26.20	2.14	1.00	592.
77 4 14	1900	36.6	.053	.013	2.800	2.000				28.40	25.00	1.39	1.00	596.
77 4 15	1900	33.8	.046	.010	2.310	.093				21.70	24.30	1.28	.90	598.
77 4 16	1900	26.6	.049	.010	2.260	.105				25.00	2.62	1.53	1.00	602.
77 4 17	1900	24.5	.058	.011	2.270	.086				29.10	26.80	1.25	1.10	606.
77 4 18	1300	22.9	.048	.010	2.070	.060				26.70	26.40	1.32		604.
77 4 18	1900	22.4	.054	.010	1.860	.108				27.80	31.50		1.30	598.
77 4 19	1900	21.1	.055	.010	2.230	.099				23.40	32.70		1.30	612.
77 4 20	1900	20.4	.057	.010	1.580	.084				28.00	31.10		1.30	613.
77 4 21	1900	20.0	.064	.011	1.680	.087				35.10	31.00		1.50	624.
77 4 22	1900	32.9	.067		1.210	.077				37.50	31.00		1.30	614.
77 4 23	190	288.5	.132	.012	4.390	.099				65.80	32.50		2.30	545.
77 4 24	190	224.6	.057	.023	6.230	.141					32.50		.50	555.
77 4 25	130	135.1	.044	.038	4.520	.181				5.50	36.10		.40	579.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : BROKEN SWORD CREEK

LOCATION W/CODE : NEAR NEVADA, OHIO USGS NO. 04196200

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	4	25	1900	124.2	.095	.035	7.070	.145				38.90	32.50	8.13	1.00	570.
77	4	27	1900	75.5	.067	.027	5.390	.047				20.00	31.30	6.09	.50	579.
77	4	28	1900	63.9	.078	.029	5.040	.068				11.90	32.10	4.48	.50	603.
77	4	29	1900	51.9	.041	.015	4.370	.411				7.10	31.10	3.92	.20	599.
77	4	30	1900	46.5	.052	.010	3.770	.060				11.20	32.00	2.59	.60	576.
77	5	1	1900	37.1	.046		3.070	.058				11.90	30.70	1.59	.60	589.
77	5	2	1300	33.4	.062	.010	2.680	.037				6.40	30.20	1.40	.30	575.
77	5	2	1900	32.9	.066	.027	2.750	.088				25.90	32.70	1.38	1.00	566.
77	5	3	1900	32.3	.267	.030	2.470	.042				27.00	31.70	1.85	1.20	576.
77	5	4	1600	193.3	.240	.066	6.540	.085				117.00	26.90	4.63	6.10	470.
77	5	4	1900	228.7	.229	.069	6.820	.110				85.90	26.70	4.97	5.40	483.
77	5	4	2200	297.1	.287	.068	6.040	.042				92.60	26.20	5.44	4.90	490.
77	5	5	100	344.3	.290	.087	6.790	.068				116.80	27.40	5.92	6.10	463.
77	5	5	400	368.9	.319	.096	8.360	.068				118.00	27.30	6.67	6.80	455.
77	5	5	700	376.7	.309	.103	8.240	.060				110.00	27.20	6.83	6.20	453.
77	5	5	1000	376.7	.316	.098	8.240	.105				76.80	27.10	7.81	6.20	450.
77	5	5	1300	370.4	.319	.075	8.320	.078				116.00	28.80	7.73	6.50	473.
77	5	5	1600	365.0	.169	.062	7.780	.090				44.80	28.50	7.39	2.60	503.
77	5	5	1900	344.3	.101	.062	7.490	.104				11.70	28.70	7.58	1.20	499.
77	5	7	2200	88.7	.127	.067	6.390	.077				28.30	31.30	7.36	1.80	571.
77	5	8	1000	71.9	.095	.032	5.920	.153				15.90	31.10	6.22	1.20	590.
77	5	8	2200	57.6	.093	.023	5.330	.113				15.00	31.30	6.21	1.10	601.
77	5	9	1000	54.1	.076	.020	5.120	.110				7.70	31.20	4.96	.90	610.
77	5	9	1900	46.8	.068	.032	4.670	.038				16.20	29.20	7.68	.90	611.
77	5	10	1900	35.9	.057	.025	4.230	.059				16.40	29.60	6.39	.80	610.
77	5	11	1900	28.9	.054	.018	3.580	.045				20.60	29.80	5.18	.90	617.
77	5	12	1900	22.5	.060	.016	2.990	.077				28.20	29.40	3.96	1.10	610.
77	5	13	1900	19.5	.055	.023	2.510	.103				21.00	29.70	3.25	.80	624.
77	5	14	1900	17.4	.080	.018	1.970	.066				33.30	29.00	2.79	1.60	606.
77	5	15	1900	15.5	.066	.015	1.680	.045				27.80	29.30	3.87	1.10	621.
77	5	16	1300	14.1	.074	.018	1.520	.071				28.30	29.90	3.64	1.10	615.
77	5	16	1900	14.1	.096	.017	1.620	.024				41.20	30.70	1.68	1.60	622.
77	5	17	100	13.6	.163		.560	.034				70.60	31.00	4.48	2.20	675.
77	6	2	1900	5.3	.163	.064	1.270	.054				34.40	36.80	6.34	1.80	684.
77	6	21	1900	5.1	.123	.075	1.050	.074				35.60	38.90	5.39	1.50	700.
77	6	22	1900	5.0	.116	.046	.730	.082				31.20	34.60	5.83	1.10	711.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : BROKEN SWORD CREEK

LOCATION W/CODE : NEAR NEVADA, OHIO USGS NO. 04196200

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	6	23	1900	4.9	.120	.054	.920	.154				28.00	37.70	5.14	1.20	713.
77	6	24	1900	4.3	.094	.046	.670	.110				19.50	35.50	6.07	.50	728.
77	6	25	1900	4.2	.112	.035	.620	.043				25.20	35.30	5.72	1.00	733.
77	6	26	1900	4.2	.107	.025	.550	.021				29.50	33.70	6.27	1.00	721.
77	6	27	1300	5.9	.133	.025	.440	.076				51.00	32.70	6.40	1.70	726.
77	6	27	1300	5.9	1.360	.036	.940	.160				22.40	32.70	6.40	1.70	683.
77	6	20	1900	5.3	.163	.064	1.270	.054				34.40	36.80	6.34	1.80	684.
77	6	21	1900	5.1	.123	.075	1.050	.074				35.60	38.90	5.39	1.50	700.
77	6	22	1900	5.0	.116	.046	.730	.082				31.20	34.60	5.83	1.10	711.
77	6	23	1900	4.9	.120	.054	.920	.154				28.00	37.70	5.14	1.20	713.
77	6	24	1900	4.3	.094	.046	.670	.110				19.50	35.50	6.07	.50	728.
77	6	25	1900	4.2	.112	.035	.620	.043				25.20	35.30	5.72	1.00	733.
77	6	26	1900	4.2	.107	.025	.550	.021				29.50	33.70	6.27	1.00	721.
77	6	27	1300	5.9	.133	.025	.440	.076				51.10	32.70	6.40	1.70	726.
77	6	27	1900	5.9	.108							49.50		7.97	2.50	711.
77	6	28	1900	5.0	.075							31.20		5.79	1.60	736.
77	6	29	1900	4.9	.075							27.10		5.58	1.50	742.
77	6	30	1900	4.3	.081							28.00		6.36	1.60	741.
77	7	1	100	598.1	2.000							4056.00		3.38	157.00	247.
77	7	1	700	853.4	2.000							3094.00		4.54	154.00	260.
77	7	1	1300	777.7	1.490							1298.00		5.20	64.80	318.
77	7	1	1600	676.2	1.090							1045.00		5.27	47.20	327.
77	7	1	1900	620.5	.979							834.00		6.55	34.70	369.
77	7	1	2200	576.3	.872							675.00		6.98	32.20	389.
77	7	2	100	524.0	.760							493.00		7.47	24.90	410.
77	7	2	400	461.1	.710							408.00		8.30	21.40	439.
77	7	2	700	367.2	.586							319.00		8.20	16.80	455.
77	7	2	1000	297.1	.423							244.00		9.18	13.10	486.
77	7	2	1300	227.3	.437							273.00		8.93	13.70	474.
77	7	2	1600	181.2	.383							296.00		9.59	11.40	503.
77	7	2	1900	142.0	.354	.063	18.100	.108				216.00	26.90	8.97	9.70	537.
77	7	2	2200	121.2	.325	.063	17.900	.150				190.00	27.20	9.39	9.50	541.
77	7	3	100	105.0	.305	.058	15.900	.111				198.00	28.00	8.54	8.80	549.
77	7	3	400	91.0	.292	.057	15.700	.110				208.00	28.00	8.68	8.40	547.
77	7	3	700	77.8	.290	.057	15.800	.095				193.00	28.00	9.67	8.50	558.
77	7	3	1000	69.8	.274	.053	15.800	.085				181.00	28.00	9.52	7.80	561.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : BROKEN SWORD CREEK

LOCATION W/CODE : NEAR NEVADA, OHIO USGS NO. 04196200

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	7	3	1300	61.8	.272	.046	15.100	.088				414.00	27.90	9.53	7.80	423.
77	7	3	1600	53.6	.256	.046	14.600	.081				310.00	27.90	9.39	7.40	442.
77	7	3	1900	45.8	.313	.037	14.200	.046				329.00	28.10	9.47	9.30	472.
77	7	3	2200	38.4	.303	.042	13.700	.071				293.00	28.30	9.30	8.70	507.
77	7	4	100	34.3	.234	.028	11.900	.090				184.00	26.00	8.56	6.00	546.
77	7	4	400	33.1	.222	.030	12.500	.087				115.00	28.00	9.44	6.20	714.
77	7	4	700	31.1	.248	.032	11.900	.082				178.00	28.00	9.17	7.20	572.
77	7	4	1000	29.4	.227	.033	11.600	.093				163.00	28.20	9.86	6.50	573.
77	7	4	1300	25.8	.222	.051	11.600	.070				143.00	28.20	10.20	5.90	586.
77	7	5	1500	213.8	.512	.041	7.570	.070				431.00	29.20	9.44	15.90	597.
77	7	5	1600	240.0	.489	.053	8.880	.069				412.00	28.60	10.00	15.90	575.
77	7	5	1900	315.9	1.470	.048	8.730	.155				1396.00	19.80	8.11	58.70	357.
77	7	5	2200	331.7	1.350	.041	7.410	.130				1217.00	12.90	7.47	53.70	315.
77	7	6	100	346.2	1.090	.045	8.880	.122				917.00	13.70	8.06	40.40	333.
77	7	6	400	322.8	.989	.050	10.300	.108				785.00	15.70	7.65	35.30	362.
77	7	6	700	266.8	.895	.052	11.000	.092		2.720		645.00	17.10	7.69	31.10	389.
77	7	6	1000	192.0	1.200	.047	10.700	.078		5.290		844.00	19.10	9.49	38.20	418.
77	7	6	1300	161.9	.885	.056	11.800	.076		4.170		602.00	20.20	10.60	28.70	437.
77	7	6	1600	127.5	.537	.058	12.400	.098		1.890		351.00	20.80	10.20	17.30	447.
77	7	6	1900	103.3	.429	.062	12.400	.126		1.800		239.00	22.90	10.70	13.00	454.
77	7	6	2200	85.7	.387	.063	12.500	.099		1.460		199.00	22.20	10.40	11.30	463.
77	7	7	100	71.1	.364	.067	12.500	.062		1.970		218.00	22.90	10.10	10.30	470.
77	7	7	400	64.2	.360	.062	12.200	.078		1.700		205.00	23.30	12.30	10.30	475.
77	7	7	700	57.6	.356	.059	11.700	.066		2.120		210.00	23.90	11.10	10.00	486.
77	7	7	1000	51.9	.352	.059	11.600	.067		1.570		243.00	24.70	11.30	10.00	493.
77	7	7	1300	43.0	.399	.053	10.300	.086		2.110		297.00	24.50	10.60	11.30	487.
77	7	7	1600	39.3	.381	.066	10.900	.029		1.230		171.00	24.50	10.70	7.90	505.
77	7	7	1900	35.9	.290	.067	10.200	.037		1.480		179.00	24.50	10.80	7.60	514.
77	7	7	2200	34.0	.259	.066	9.830	.040		1.460		138.00	24.80	10.80	6.60	519.
77	7	8	100	31.7	.233	.066	9.390	.034		1.450		117.00	24.90	10.80	5.70	521.
77	7	8	400	30.3	.263	.063	9.000	.044		1.080		159.00	25.20	11.00	6.70	524.
77	7	8	700	27.8	.312	.063	8.590	.043		1.520		218.00	25.40	10.90	8.40	529.
77	7	8	1000	26.6	.272	.061	8.360	.032		1.720		169.00	26.10	10.70	7.00	531.
77	7	8	1300	79.2	.329	.065	8.010	.030		1.410		247.00	25.90	11.20	8.80	546.
77	7	8	1600	172.0	.376	.062	7.350	.053		2.000		277.00	25.10	10.80	10.30	549.
77	7	8	1900	209.8	1.050	.047	5.940	.071		3.860		903.00	21.30	9.64	41.00	426.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : BROKEN SWORD CREEK

LOCATION W/CODE : NEAR NEVADA, OHIO USGS NO. 04196200

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	7	8	2200	217.7	1.250	.053	5.430	.059		3.840		1075.00	14.60	7.86	47.00	317.
77	7	9	100	216.4	1.290	.048	5.530	.069		4.120		1039.00	13.70	7.03	46.80	309.
77	7	9	400	178.9	1.730	.047	5.660	.111		5.620		1362.00	14.70	8.02	61.20	325.
77	7	9	700	148.1	2.000	.040	6.070	.088		6.110		1292.00	15.40	8.25	69.30	342.
77	7	9	1000	121.2	1.760	.345	6.470	.048		5.690		1244.00	16.30	8.58	63.00	360.
77	7	9	1300	99.4	1.280	.050	7.610	.056		3.150		641.00	17.60	9.12	33.70	373.
77	7	9	1600	85.0	.701	.055	8.033	.062		2.390		412.00	19.20	9.42	22.40	388.
77	7	9	1900	66.0	.639	.053	8.210	.081		2.280		487.00	20.80	9.43	20.10	404.
77	7	9	2200	59.4	.522	.056	8.470	.066		2.260		421.00	20.60	9.64	15.80	420.
77	7	10	100	50.3	.590	.059	8.510	.051		2.420		414.00	21.30	9.95	15.70	430.
77	7	10	400	40.6	.442	.064	8.400	.022		1.900		326.00	21.90	10.20	13.38	442.
77	7	10	700	39.3	.437	.059	8.290	.033		2.030		351.00	22.70	10.30	12.80	453.
77	7	10	1000	35.9	.453	.055	8.040	.022		1.860		366.00	23.00	10.00	13.20	460.
77	7	10	1300	32.3	.421	.055	7.840	.025		1.910		362.00	23.70	11.10	12.10	461.
77	7	10	1600	29.4	.410	.051	7.540	.034		1.810		282.00	23.50	10.50	11.60	474.
77	7	10	1900	26.4	.357	.054	7.350	.029		1.630		266.00	23.80	10.30	10.00	483.
77	7	10	2200	23.9	.348	.053	7.150	.040		2.120		231.00	24.20	10.50	9.70	491.

SANDUSKY RIVER
NEAR
UPPER SANDUSKY, OHIO

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR UPPER SANDUSKY, OHIO USGS NO. 04196500

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	1	5	1605	314.2	.248	.090	6.100	2.900				50.60	32.00		4.50	521.
76	1	6	405	330.2	.245	.100	6.000	2.800				39.20	32.00		4.00	531.
76	1	6	1605	295.0	.161	.080	5.700	1.600				25.50	33.00		1.60	630.
76	1	7	405	264.5	.155	.090	5.300	1.600				16.80	33.00		.70	645.
76	1	7	1605	227.6	.155	.100	4.700	2.300				12.70	35.00		.30	668.
76	1	8	405	188.8	.165	.100	4.500	2.500				10.00	35.00		.10	685.
76	1	8	1605	419.0	.157	.100	4.300	3.500				7.00	34.00		.70	710.
76	1	23	1605	222.0	.228	.130	2.200	.390				3.60	38.00			776.
76	1	24	1005	201.2	.202	.130	2.100	.410				3.20	47.00			855.
76	1	25	405	174.4	.180	.130	2.000	.550				3.90	38.00			822.
76	1	25	1005	181.6	.185	.130	2.000	.560				4.00	38.00			818.
76	1	25	1605	227.6	.419	.160	2.000	.850				7.90	55.00			865.
76	1	25	2205	414.0	.438	.140	1.700	.590				34.50	50.00			626.
76	1	26	405	1174.0	.567	.120	2.100	.980				60.10	46.00			423.
76	1	26	1005	2152.0	.848	.110	1.800	.630				76.70	23.00			315.
76	1	26	1605	4945.0	.656	.180	2.600	.640				215.00	24.00			288.
76	1	26	1716	5214.0	.598	.160	2.500	.410				238.00	29.00			293.
76	1	26	2316	2514.0	.471	.170	2.400	.440				139.00	25.00			258.
76	1	27	516	2818.0	.439	.150	2.500	.400				133.00	24.00			258.
76	1	27	1116	2935.0	.414	.120	2.400	.350				136.00	22.00			238.
76	1	27	1716	3210.0	.351	.120	2.500	.340				93.80	21.00			245.
76	1	27	2316	3314.0	.308	.120	2.700	.340				74.90	21.00			254.
76	1	28	516	3088.0	.296	.130	3.000	.320				52.10	22.00			283.
76	1	28	1116	2136.0	.279	.120	3.200	.320				51.10	22.00			313.
76	1	28	1716	1705.0	.252	.120	3.500	.270				37.90	24.00			355.
76	1	28	2316	1663.0	.229	.110	3.600	.230				34.90	24.00			375.
76	1	29	516	1670.0	.211	.100	3.600	.200				39.10	24.00			402.
76	1	29	1116	1670.0	.212	.100	3.600	.210				34.30	25.00			429.
76	1	29	1716	1670.0	.206	.100	3.600	.200				40.90	25.00			450.
76	1	29	2316	1656.0	.190	.100	3.600	.200				18.50	25.00			470.
76	1	30	516	1656.0	.181	.100	3.500	.210				23.80	25.00			478.
76	1	30	1116	1656.0	.177	.090	3.500	.190				21.80	26.00			497.
76	1	30	1716	1607.0	.275	.090	3.600	.050				61.40	27.00			515.
76	1	30	2316	1642.0	.154	.090	3.400	.150				15.10	27.00			525.
76	1	31	516	1642.0	.149	.080	3.400	.180				17.20	27.00			536.
76	1	31	1116	1642.0	.152	.080	3.300	.210				19.80	27.00			551.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR UPPER SANDUSKY, OHIO USGS NO. 04196500

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	1	31	1716	1642.0	.150	.090	3.200	.220				21.90	27.00			561.
76	1	31	2316	1635.0	.145	.080	3.200	.170				16.60	27.00			566.
76	2	1	516	184.0	.134	.080	3.200	.200				13.60	28.00			578.
76	2	1	1116	162.8	.135	.080	3.100	.200				1.80	30.00			618.
76	2	1	1716	162.8	.143	.090	3.000	.270				6.30	35.00			632.
76	2	1	2316	153.6	.162	.090	3.100	.240				13.40	36.00			629.
76	2	2	516	144.8	.163	.090	3.100	.210				13.10	96.00			628.
76	2	4	1800	216.8	.130	.080	9.000	.240		1.350		.70	32.00			711.
76	2	4	2400	222.0	.134	.090	2.900	.340		.980		1.60	33.00			709.
76	2	5	600	191.2	.171	.110	2.800	.390		.870			33.00			717.
76	2	5	1200	191.2	.161	.110	2.700	.750		1.400		1.80	33.00			721.
76	2	5	1800	224.8	.141	.090	2.600	.330				.50	32.00			738.
76	2	6	1800	206.4	.148	.100	2.400	.310		.660		.90	32.00			747.
76	2	7	1800	181.6	.161	.110	2.400	.370		.650		.40	34.00			770.
76	2	8	1800	155.9	.159	.110	2.200	.420		.820		4.90	34.00			767.
76	2	9	1200	167.4	.182	.130	2.300	.610		.660		5.70	36.00			793.
76	2	10	2400	241.6	.456	.180	1.600	.510		3.850		129.00	56.00			672.
76	2	11	1200	788.0	.449	.170	3.400	1.000		3.960		134.00	25.00			437.
76	2	11	1800	1258.0	.481	.180	2.600	1.000		2.070		164.00	26.00			358.
76	2	11	2400	1467.0	.448	.150	2.100	.970		2.010		141.00	31.00			355.
76	2	12	1800	1168.0	.367	.110	2.100	.550		1.440		134.00	23.00			294.
76	2	13	600	715.0	.279	.100	2.500	.460		1.360		99.30	22.00			331.
76	2	14	1800	734.2	.315	.080	2.900	.290		.977		158.00	23.00			404.
76	2	14	2400	643.5	.317	.070	2.800	.200		.993		175.00	23.00			400.
76	2	15	2400	442.1	.167	.060	3.100	.250		1.010		50.20	23.00			457.
76	2	16	1200	773.0	.207	.050	3.700	.190		1.000		100.00	22.00			441.
76	2	16	1900	1803.0	1.290	.060	4.300	1.000				1306.00	25.00			383.
76	2	17	100	2737.0	1.330	.050	4.300	.210				1265.00	21.00			331.
76	2	17	700	3460.0	1.520	.050	4.200	.680				1485.00	20.00			299.
76	2	17	1300	4250.0	1.590	.060	4.000	1.000				1187.00	18.00			276.
76	2	17	1900	5013.0	1.420	.050	3.900	.140				1067.00	18.00			268.
76	2	18	100	5678.0	1.310	.050	3.800	.110				973.00	17.00			267.
76	2	18	700	5886.0	1.280	.050	3.700	1.000				909.00	17.00			262.
76	2	18	1300	6098.0	1.020	.050	3.700	.280				661.00	17.00			265.
76	2	18	1900	5982.0	.800	.050	3.800	.130				567.00	18.00			278.
76	2	19	100	5117.0	.642	.040	4.400	.060				380.00	19.00			305.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR UPPER SANDUSKY, OHIO USGS NO. 04196500

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	2	19	700	4000.0	.620	.040	4.700	.060				438.00	20.00			330.
76	2	19	1300	3210.0	.565	.050	4.700	.080				406.00	21.00			343.
76	2	19	1900	2692.0	.507	.040	4.700	.190				300.00	22.00			354.
76	2	20	100	2224.0	.480	.050	4.700	1.000				290.00	22.00			358.
76	2	20	700	1719.0	.453	.050	4.600	1.000				246.00	22.00			366.
76	2	20	1300	1330.0	.397	.050	4.600	.040				210.00	22.00			380.
76	2	20	1900	1060.0	.356	.050	4.500	.010				176.00	22.00			396.
76	2	21	100	891.5	.304	.050	4.500	.020				150.00	22.00			412.
76	2	21	700	783.0	.312	.050	4.500	.070				434.00	22.00			424.
76	2	21	1300	828.6	.322	.060	4.300	.150				491.00	23.00			427.
76	2	21	1900	1246.0	.472	.050	4.300	.160				343.00	23.00			418.
76	2	22	100	1558.0	.697	.040	3.900	.150				535.00	19.00			362.
76	2	22	700	1740.0	.620	.050	3.700	.060				417.00	21.00			358.
76	2	22	1300	1926.0	.554	.060	3.700	.090				366.00	21.00			357.
76	2	22	1900	1959.0	.488	.050	3.600	.060				313.00	21.00			350.
76	2	23	100	1834.0	.417	.040	3.600	.080				248.00	20.00			348.
76	2	23	700	1488.0	.351	.050	3.600	.270				200.00	20.00			365.
76	2	23	1300	1120.0	.279	.040	3.800	.150				141.00	22.00			385.
76	2	23	1900	865.0	.266	.070	4.100	.110		1.830		111.00	24.00			418.
76	2	24	1900	453.2	.235	.090	4.000	.130		2.450		72.90	26.00			496.
76	2	25	1900	385.2	.212	.070	3.900	.080		1.190		61.50	27.00			534.
76	2	26	1900	298.2	.185	.070	3.700	.110		2.310		53.80	28.00			564.
76	2	27	1900	288.6	.204	.080	3.500	.080		1.250		53.60	28.00			590.
76	2	28	1900	238.6	.176	.070	3.300	.040		1.550		46.10	28.00			611.
76	2	29	1900	206.4	.168	.070	3.200	.050		1.670		43.60	29.00			634.
76	3	1	700	193.6	.157					1.160		47.00				
76	3	1	1300	186.4	.143	.060	3.200	.050				29.60	28.00			638.
76	3	2	1300	167.4	.134	.070	2.900	.070				25.80	28.00			654.
76	3	3	1300	165.1	.158	.070	2.700	.120				28.90	29.00			667.
76	3	3	1900	167.4	.453	.150	2.800	.110				46.90	30.00			659.
76	3	4	100	172.0	1.040	.160	2.700	.090				119.00	32.00			662.
76	3	4	700	222.0	.536	.140	2.700	.090				193.00	33.00			633.
76	3	4	1300	886.2	.847	.130	2.700	.070				579.00	30.00			558.
76	3	4	1900	1705.0	1.170	.080	3.500	.090				921.00	23.00			385.
76	3	5	100	2160.0	1.320	.330	3.700	.100				634.00	23.00			365.
76	3	5	700	2575.0	.997	.170	3.500	.070				586.00	23.00			360.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR UPPER SANDUSKY, OHIO USGS NO. 04196500

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	[illegible]	[illegible]	1300	2944.0	.942	.120	3.300	.100				561.00	20.00			309.
76	[illegible]	[illegible]	1900	3269.0	.866	.080	3.100	.040				574.00	18.00			288.
76	3	6	100	3390.0	.782	.070	3.100	.180				461.00	18.00			298.
76	[illegible]	6	700	2908.0	.693	.080	3.300	.110				425.00	18.00			317.
76	3	6	1300	2160.0	.663	.070	3.300	.040				403.00	19.00			333.
76	[illegible]	6	1900	1488.0	.627	.060	3.100	.050				382.80	19.00			344.
76	[illegible]	7	100	1108.0	.551	.050	3.100	.060				320.00	20.00			363.
76	[illegible]	7	700	844.2	.467	.060	3.200	.090				216.00	21.00			391.
76	3	7	1300	691.0	.391	.060	3.300	.100				174.00	21.00			422.
76	3	7	1900	593.6	.353	.060	3.300	.050				142.00	22.00			443.
76	3	8	100	498.8	.313	.060	3.300	.050				120.00	22.00			462.
76	3	8	700	442.1	.298	.060	3.300	.040				98.50	23.00			479.
76	3	8	1900	378.0	.231	.080	3.400	.090		1.020		71.20	29.00		5.10	524.
76	3	9	1900	285.4	.203	.080	3.300	.110		.740		50.80	30.00		3.30	564.
76	3	10	1900	241.6	.182	.090	3.100	2.000		.570		31.00	32.00		2.10	601.
76	3	11	1900	224.8	.154	.090	3.000	.150		.660		23.80	33.00		1.20	621.
76	[illegible]	12	1900	230.4	.251	.180	2.800	1.680		.910		20.10	36.00		.90	633.
76	3	13	1900	448.2	.436	.080	2.800	.090		1.920		277.00	33.00		14.10	545.
76	3	14	1900	357.0	.290	.080	2.800	2.000		.940		120.00	35.00		6.90	532.
76	3	15	1300	267.4	.221	.080	3.000	.020		.810		52.00	33.00		4.30	550.
76	3	15	1900	250.0	.232	.070	2.900	.090		1.300		11.30	28.00			565.
76	3	16	1900	224.8	.214	.090	2.800	.100		2.190		6.10	44.00			661.
76	3	17	1900	206.4	.151	.100	1.200	.160		.900		26.70	28.00			633.
76	3	18	1900	184.0	.154	.080	2.200	.150		.390		43.60	51.00			727.
76	3	19	1900	211.6	.137	.060	2.200	.130		1.600		89.10	34.00			662.
76	3	20	1900	244.4	.154	.040	2.200	.090		1.100		31.00	34.00			652.
76	3	21	100	276.1	.540	.070	2.100	.160		1.520		116.00	37.00			635.
76	3	21	700	433.0	.327	.030	2.100	.090		.870		101.00	35.00			624.
76	3	21	1300	859.8	1.210	.030	2.700	.050		2.010		655.00	27.00			582.
76	3	21	1900	1126.0	1.080	.070	3.000	.110		3.670		657.00	24.00			430.
76	3	22	100	1412.0	1.020	.060	3.100	.190		3.280		683.00	27.00			434.
76	3	22	700	1418.0	.998	.050	3.000	.220		3.810		629.00	25.00			394.
76	3	22	1300	1156.0	.783	.050	3.000	.190		3.590		455.00	22.00			361.
76	3	22	1900	844.2	.712	.080	3.400	.040				375.00	21.00			385.
76	3	23	100	624.7	.630	.080	3.400	.090				286.00	21.00			408.
76	3	23	700	453.2	.587	.080	3.400	.070				209.00	22.00			429.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR UPPER SANDUSKY, OHIO USGS NO. 04196500

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	3	23	1300	429.2	.397	.070	3.400	.320				161.00	22.00			458.
76	3	23	1900	378.0	.349	.070	3.300	.030				142.00	23.00			482.
76	3	24	100	343.0	.284	.070	3.300	.060				118.00	23.00			503.
76	3	24	700	317.4	.270	.070	3.100	.040				89.40	23.00			515.
76	3	24	1300	295.0	.236	.060	3.100	.030				101.00	24.00			534.
76	3	24	1900	276.1	.222	.060	3.000	.060				107.00	24.00			549.
76	3	25	1900	227.6	.148	.050	2.600	.050				55.10	26.00			595.
76	3	26	1900	196.0	.133	.040	2.000	.210				26.70	27.00			612.
76	3	27	1900	191.2	.143	.020	1.600	.080				17.70	28.00			618.
76	3	28	1900	244.4	.160	.020	1.900	.110				29.30	27.00			591.
76	3	29	1300	209.8	.172	.030	1.800	.140				13.00	27.00			578.
76	3	29	1900	198.6	.113	.065	2.150	.075				36.10	31.00			611.
76	3	30	1900	174.4	.101	.060	1.900	.025				34.30	31.50			642.
76	3	31	1900	160.5	.088	.045	1.700					36.70	33.00			657.
76	4	1	1900	151.3	.103	.080	1.600					21.80	33.00			668.
76	4	2	1900	181.6	.122	.085	1.600					14.40	35.00			672.
76	4	3	1900	311.0	.123	.005	1.650					43.50	36.00			610.
76	4	4	1900	233.2	.131	.060	1.950					56.30	35.00			610.
76	4	5	1300	196.0	.087	.040	1.800					21.30	35.00			616.
76	4	5	1900	186.4	.158	.050	1.800	.020				48.00	30.00			624.
76	4	6	1900	162.8	.112	.030	1.600	.030				29.00	29.00			629.
76	4	7	1900	146.9	.104	.030	1.400	.070				21.00	28.00			637.
76	4	8	1900	107.9	.104	.040	1.200	.040				11.50	30.00			660.
76	4	9	1900	113.3	.111	.050	1.200	.040				10.60	31.00			682.
76	4	10	1900	103.0	.091	.030	1.200	.020				10.00	29.00			682.
76	4	11	1900	103.0	.116	.040	1.200	.040				14.90	29.00			681.
76	4	12	1300	99.0	.124	.020	1.300					16.10	30.00			680.
76	4	12	1900	97.0	.130	.090	1.300	.170				11.90	31.00			686.
76	4	13	1900	89.0	.139	.090	1.300	.100				8.60	32.00			710.
76	4	14	1900	85.1	.170	.090	1.100	.220				5.00	32.00			717.
76	4	15	1900	81.3	.149	.090	1.000	.120				8.90	33.00			730.
76	4	16	1900	79.4	.170	.090	.800	.080				10.50	33.00			731.
76	4	17	1900	75.6	.220	.090	.500	.110				8.90	35.00			736.
76	4	18	1900	68.0	.192	.070	.300	.140				8.60	35.00			717.
76	4	19	1300	64.4	.184	.040	.100	.180				15.80	34.00			681.
76	4	19	1900	64.4	.186	.060	.400	.210				24.40	35.00			717.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR UPPER SANDUSKY, OHIO USGS NO. 04196500

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	4	20	1900	68.0	.211	.080	.400	.200				25.00	35.00			728.
76	4	22	1900	93.0	.233	.090	.200	.250				41.30	35.00			749.
76	4	23	1900	81.3	.233	.090	.400	.160				24.30	35.00			764.
76	4	24	1900	73.7	.355	.120	.200	.160				29.20	36.00			737.
76	4	25	1900	91.0	.250	.110	.400	.140					36.00			718.
76	4	26	1300	113.[illegible]	.254	.180	.500	.070				50.50	36.00			728.
76	4	26	1900	111.2	.229	.130	.800	.190				30.60	36.00		.30	721.
76	4	27	1900	99.0	.254	.230	1.300	.240				25.70	41.00		1.30	745.
76	4	28	1900	79.4	.324	.280	1.250	.250				23.40	38.00		1.10	740.
76	4	29	1900	66.2	.398	.150	1.200	.050				25.00	38.00		1.50	743.
76	4	30	1900	57.2	.250	.100	1.000	.030				33.40	38.00		2.00	755.
76	5	1	1900	53.6	.208	.090	.800	.070				42.30	37.00		1.90	771.
76	5	2	1900	55.4	.191	.070	.800					36.60	36.00		2.10	768.
76	5	3	1300	53.6	.196	.090	.800	.040				32.70	36.00		2.30	773.
76	5	3	1900	51.8	.252	.240	1.200	.600				33.10	44.00			784.
76	5	4	1900	48.5	.239	.210	1.000	.570				31.40	43.00			787.
76	5	5	1900	44.[illegible]	.234	.150	.800	.260				38.40	43.00			802.
76	5	6	1900	53.6	1.110	.150	.900	.110				49.50	42.00			815.
76	5	7	1900	57.2	.275	.140	1.000	.410				48.00	41.00			794.
76	5	8	1900	64.4	.298	.140	1.000	.250				55.10	40.00			779.
76	5	9	1900	60.8	.340	.340	1.400	.880				39.10	47.00			771.
76	5	10	1300	53.6	.398	.220	1.300	.520				37.90	44.00			788.
76	5	10	1900	50.0	.312	.170	1.600					31.90	47.00			792.
76	5	11	1900	41.0	.284	.160	1.500	.010				27.50	46.00			814.
76	5	12	1900	38.0	.316	.150	1.200					33.30	45.00			786.
76	5	13	1900	36.5	.281	.120	1.200					32.40	45.00			804.
76	5	14	1900	25.0	.273	.170	1.200					41.30	46.00			834.
76	5	15	1900	39.5	.295							29.10				831.
76	5	16	1900	38.0	.289	.110	1.100					35.30	44.00			816.
76	5	17	1300	41.[illegible]	.370	.150	1.100	.130				46.00	41.00			773.
76	5	17	1900	64.4	.525	.140	1.900	.030				306.00	39.00			740.
76	5	18	1900	117.5	.585	.180	4.400	.120				233.00	40.00			705.
76	5	19	1900	146.9	.480	.190	5.100	.040				135.00	42.00			698.
76	5	20	1900	97.0	.439	.200	9.500	.020				91.50	40.00			691.
76	5	21	1900	69.9	.351	.160	9.200	.050				75.70	41.00			738.
76	5	22	1900	51.8	.316	.020	6.400					84.20	39.00			680.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR UPPER SANDUSKY, OHIO USGS NO. 04196500

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	5	23	1900	44.0	.287		5.300	.010				54.60	40.00			725.
76	5	24	1300	41.0	.314	.040	4.800	.040				79.10	41.00			779.
76	5	31	1900	314.2	2.000	.200	8.800	.350				1992.00	25.00			462.
76	6	1	100	448.2	1.630	.160	12.600	.100				1279.00	26.00			576.
76	6	1	700	558.8	1.550	.150	12.300	.010				1384.00	29.00			494.
76	6	1	1300	510.2	1.430	.140	13.700	.120				1235.00	25.00			529.
76	6	1	1900	537.3	1.530	.150	15.300	.020				1226.00	26.00			524.
76	6	2	100	510.2	1.040	.190	17.500	.020				693.00	30.00			584.
76	6	2	700	430.4	.927	.170	18.500	.020				565.00	30.00			601.
76	6	2	1900	643.5	.807	.180	13.100	.010				458.00	32.00			628.
76	6	3	100	567.4	.683	.150	14.700	.090				364.00	41.00			668.
76	6	3	700	433.0	.688	.160	12.900	.020				329.00	39.00			645.
76	6	3	1300	343.0	.595	.130	12.700	.060				309.00	34.00			595.
76	6	3	1900	282.2	.530	.120	14.300	.040				267.00	34.00			618.
76	6	4	100	236.0	.503	.110	15.300	.050				263.00	36.00			647.
76	6	4	700	203.9	.533	.120	15.300	.020				273.00	36.00			662.
76	6	4	1300	179.2	.429	.130	15.500	.050				188.00	37.00			678.
76	6	4	1900	158.2	.407	.140	15.300	.030				168.00	36.00			687.
76	6	5	100	140.6	.420	.150	14.900	.030				160.00	37.00			698.
76	6	5	700	107.0	.424	.140	14.500	.030				183.00	36.00			699.
76	6	5	1300	117.5	.381	.130	14.200	.040				158.00	36.00			710.
76	6	5	1900	109.1	.379	.120	13.800	.030				153.00	36.00			719.
76	6	6	100	99.0	.363	.100	13.500	.030				151.00	36.00			726.
76	6	6	700	91.0	.363	.120	12.900	.010				147.00	36.00			729.
76	6	6	1300	85.1	.325	.110	12.400	.010				123.00	36.00			734.
76	6	6	1900	79.4	.284	.110	12.000	.020				96.50	37.00			744.
76	6	7	100	73.7	.292	.090	11.300	.030				102.00	37.00			747.
76	6	7	700	69.9	.326	.110	11.500	.030				112.00	38.00			756.
76	6	7	1300	66.2	.311	.130	11.100	.020				89.90	38.00			756.
76	6	7	1900	60.8	.292	.120	10.000	.070				76.80	39.00			784.
76	6	8	100	59.0	.267	.130	10.000	.080				88.40	39.00			789.
76	6	8	700	53.6	.308	.130	9.600	.070				101.00	38.00			796.
76	6	8	1300	51.8	.303	.110	9.000	.090				76.00	38.00			791.
76	6	8	1900	48.5	.277	.110	8.700	.090				59.20	39.00			805.
76	6	9	100	48.5	.242	.120	8.200	.070				63.40	39.00			812.
76	6	9	700	48.5	.282	.130	7.800	.080				76.70	38.00			813.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR UPPER SANDUSKY, OHIO USGS NO. 04196500

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 6 5	1300	48.5	.287	.110	7.300	.130				72.60	38.00			805.
76 6 5	1900	45.5	.263	.100	6.800	.100				49.10	39.00			819.
76 6 11	100	45.5	.234	.130	6.500	.110				62.80	40.00			827.
76 6 11	700	42.5	.276	.120	6.100	.100				72.80	38.00			827.
76 6 11	1300	42.5	.287	.110	5.700	.130				60.40	38.00			816.
76 6 11	1900	39.5	.246	.100	5.400	.110				54.40	39.00			844.
76 6 11	1900	31.0	.253	.100	3.500	.310				64.30	41.00			807.
76 6 12	1900	26.0	.269	.060	1.800	.350				38.30	40.00			729.
76 6 13	1900	23.2	.208	.080	.900	.310				32.40	39.00			738.
76 6 14	1300	21.4	.245	.120	1.200	.180				29.80	41.00			751.
76 6 14	1900	19.6	.376	.180	1.500	.020				45.10	37.00			721.
76 6 15	1900	17.8	.217	.120	.900	.120				41.10	38.00			762.
76 6 16	1900	23.2	.266	.160	1.800	.070				47.00	40.00			806.
76 6 17	1900	26.0	.276	.160	.700	.160				54.90	38.00			822.
76 6 18	1900	28.0	.362	.190	.900	.050				93.90	37.00			849.
76 6 19	1900	151.3	.536	.190	2.800	.070				204.00	36.00			754.
76 6 20	100	191.2	.744	.180	8.400	.150				358.00	33.00			665.
76 6 20	700	181.6	1.360	.240	9.800	.150				895.00	33.00			618.
76 6 20	1300	136.2	.880							515.00				612.
76 6 20	1900	429.2	1.100							683.00				616.
76 6 21	100	430.4	.817							387.00				601.
76 6 21	700	421.4	.874	.180	12.700	.130				469.00	33.00			572.
76 6 21	1300	333.4	.713	.180	10.000	.060				404.00	33.00			580.
76 6 21	1900	264.5	.573	.170	15.600	.020				271.00	31.00			592.
76 6 22	100	214.2	.509	.160	16.500					234.00	30.00			600.
76 6 22	700	191.6	.470	.160	17.500					209.00	31.00			634.
76 6 22	1300	158.2	.389	.140	18.500					152.00	32.00			662.
76 6 22	1900	138.5	.403	.150	18.700					166.00	33.00			674.
76 6 23	100	121.7	.359	.140	18.800					137.00	33.00			682.
76 6 23	700	109.1	.372	.140	18.500					159.00	33.00			694.
76 6 23	1300	101.7	.369	.141	18.500					148.00	33.00			700.
76 6 23	1900	91.7	.349	.140	18.100					124.00	35.00			724.
76 6 24	100	91.3	.353	.140	17.800					120.00	36.00			733.
76 6 24	700	91.7	.371	.140	17.300					128.00	36.00			736.
76 6 24	1300	93.2	.372	.150	16.200					132.00	36.00			738.
76 6 24	1900	111.2	.448	.170	15.000					156.00	35.00			643.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR UPPER SANDUSKY, OHIO USGS NO. 04196500

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	6	25	100	125.9	.386	.160	13.400					113.00	34.00			
76	6	25	700	201.2	.507	.130	12.600					262.00	33.00			672.
76	6	25	1300	222.0	.659	.140	11.600	.070				401.00	31.00			667.
76	6	25	1900	224.8	.760	.110	12.400					485.00	28.00			606.
76	6	26	100	264.5	.738	.130	12.500					411.00	28.00			617.
76	6	26	700	314.2	.735	.150	12.000					422.00	30.00			634.
76	6	26	1300	273.2	.765	.200	12.200	.020				361.00	34.00			625.
76	6	26	1900	227.6	.687	.180	10.800	.010				336.00	33.00			664.
76	6	27	100	188.8	.569	.150	11.400	.010				291.00	33.00			672.
76	6	27	700	162.8	.522	.160	11.200	.010				257.00	33.00			677.
76	6	27	1300	140.6	.499	.150	11.400					231.00	33.00			674.
76	6	27	1900	123.6	.456	.160	11.900					184.00	33.00			668.
76	6	28	100	108.1	.395	.160	11.800					137.00	33.00			672.
76	6	28	700	99.0	.402	.150	12.100					157.00	33.00			683.
76	6	28	1300	97.0	.557	.140	10.700	.020				145.00	34.00			675.
76	6	28	1900	87.0	.368	.190	12.300	.020		1.190		111.00	37.00			670.
76	6	29	700	68.0	.328	.200	12.600	.040		.920		95.70	37.00			711.
76	6	29	1900	65.2	.321	.160	12.600	.070		1.060		94.60	39.00			754.
76	6	30	700	71.8	.357	.200	9.770	.070		.970		96.40	40.00			714.
76	6	30	1900	79.4	.357	.160	10.400	.070		1.110		124.00	40.00			752.
76	7	1	700	103.0	.361	.150	8.790	.060		.920		137.00	35.00			730.
76	7	1	1900	79.4	.334	.140	8.110	.060		1.390		110.00	37.00			747.
76	7	2	700	81.3	.371	.170	7.310	.110		1.000		113.00	37.00			727.
76	7	2	1900	77.5	.406	.200	6.780	.070		1.100		95.50	39.00			759.
76	7	3	700	64.4	.414	.180	5.830	.080		1.330		114.00	38.00			758.
76	7	3	1900	53.6	.350	.080	4.100	.040		1.390		85.80	37.00			734.
76	7	4	700	48.5	.373	.120	3.690	.060		1.080		111.00	35.00			699.
76	7	4	1900	39.5	.322	.030	2.830	.090		1.190		94.50	36.00			710.
76	7	5	700	34.0	.364	.090	3.420	.040		1.190		101.00	37.00			725.
76	7	5	1300	32.0	.345	.080	3.210	.060		1.360		92.10	37.00			717.
76	7	5	1900	31.0	.384	.160	3.900	.060				109.00	38.00			695.
			100	29.0	.383	.090	3.800	.090				108.00	40.00			685.
			700	25.0	.450	.160	3.800	.020				121.00	39.00			736.
			1300	25.0	.498	.160	3.500	.260				139.00	40.00			749.
			1900	25.0	.332	.070	3.200	.160				102.00	39.00			702.
				24.0	.468	.130	3.500	.200				131.00	40.00			689.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR UPPER SANDUSKY, OHIO USGS NO. 04196500

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 7 7	700	28.2	.615	.260	2.100	.190				97.70	36.00			619.
76 7 7	1300	25.2	.374	.170	2.300	.420				68.80	37.00			693.
76 7 7	1900	24.1	.420	.150	2.000	.770				104.00	37.00			664.
76 7 8	100	34.2	.419	.120	2.200	.790				103.00	41.00			676.
76 7 8	700	117.6	.401	.230	2.200	.970				585.00	31.00			571.
76 7 8	1300	73.7	.568	.160	2.700	.340				263.00	35.00			615.
76 7 8	1900	780.6	1.490	.290	1.800	.450				938.00	40.00			717.
76 7 9	100	891.6	1.960	.200	2.700	.590				881.00	19.00			375.
76 7 9	700	1156.0	1.420	.140	4.600	.170				1260.00	20.00			414.
76 7 9	1300	1276.0	1.400	.140	4.900	.200				1112.00	18.00			359.
76 7 9	1900	1090.0	1.020	.120	5.700	.120				732.00	15.00			342.
76 7 10	100	748.6	.935	.120	5.900	.110				727.00	16.00			360.
76 7 10	700	476.0	.784	.110	5.900	.070				504.00	17.00			380.
76 7 10	1300	381.6	.720	.110	6.000	.070				452.00	18.00			404.
76 7 10	1900	301.4	.582	.120	6.200	.060				331.00	19.00			433.
76 7 11	100	250.0	.525	.120	6.200	.050				277.00	21.00			450.
76 7 11	700	211.6	.506	.130	6.200	.040				259.00	22.00			469.
76 7 11	1300	186.4	.464	.130	5.900	.020				245.00	22.00			494.
76 7 11	1900	162.8	.418	.130	5.800	.020				189.00	23.00			513.
76 7 12	100	146.9	.573	.150	5.600	.030				294.00	23.00			521.
76 7 12	700	130.1	.489	.140	5.500	.020				225.00	24.00			522.
76 7 12	1300	119.6	.442	.150	5.200	.030				174.00	24.00			548.
76 7 12	1900	109.1	.378	.240	5.200	.030				119.00	27.00			537.
76 7 13	700	97.0	.385	.240	4.800	.020				132.00	28.00			581.
76 7 13	1900	75.6	.327	.240	4.500	.040				86.50	29.00			623.
76 7 14	700	60.8	.380	.250	4.300	.020				98.70	28.00			603.
76 7 14	1900	55.4	.324	.240	3.800	.070				69.20	30.00			625.
76 7 15	700	45.5	.399	.260	3.700	.040				98.40	30.00			633.
76 7 15	1900	41.0	.382	.280	3.100	.110				56.10	30.00			674.
76 7 16	700	36.5	.408	.280	3.200	.040				94.60	31.00			679.
76 7 16	1900	34.2	.345	.200	2.600	.100				62.90	31.00			679.
76 7 17	700	32.0	.407	.240	2.500	.100				73.80	35.00			742.
76 7 17	1900	68.0	.381	.140	1.900	.050				78.60	33.00			693.
76 7 18	700	93.6	.385	.190	1.700	.060				91.70	33.00			753.
76 7 18	1900	55.4	.335	.140	1.400	.020				71.30	33.00			687.
76 7 19	700	44.0	.417	.240	2.000	.070				95.50	35.00			685.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR UPPER SANDUSKY, OHIO USGS NO. 04196500

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	7	19	1300	38.0	.397	.230	2.000	.020				83.60	37.00			683.
76	7	19	1600	25.0	.384	.210	1.800	.050				52.20	38.00			682.
76	7	19	1900	34.0	.427	.250	2.000	.050				52.30	40.00			707.
76	7	19	2200	33.0	.493	.320	2.400	.050				55.60	42.00			739.
76	7	20	100	32.0	.501	.320	2.200	.070				58.70	42.00			757.
76	7	20	400	31.0	.501	.330	2.000	.120				66.30	42.00			766.
76	7	20	700	30.0	.507	.330	2.000	.140				68.10	42.00			780.
76	7	20	1000	29.0	.470	.310	2.000	.100				55.80	42.00			783.
76	7	20	1300	28.0	.438	.280	1.900	.030				50.40	41.00			756.
76	7	20	1600	27.0	.429	.250	1.800	.020				49.40	41.00			776.
76	7	20	1900	27.0	.409	.230	1.800	.010				46.00	41.00			778.
76	7	20	2200	27.0	.418	.240	2.000	.020				49.30	41.00			783.
76	7	21	100	26.0	.411	.230	2.100	.020				51.90	43.00			778.
76	7	21	400	25.0	.412	.220	2.000	.060				55.10	41.00			759.
76	7	21	700	24.1	.406	.220	1.900	.070				63.20	40.00			757.
76	7	21	1000	24.1	.386	.210	1.600	.070				49.80	39.00			762.
76	7	21	1300	25.0	.324	.200	1.800	.160				45.30	39.00			740.
76	7	21	1600	23.2	.326	.150	1.400	.120				41.60	38.00			729.
76	7	21	1900	21.4	.317	.120	1.300	.120				41.90	37.00			720.
76	7	21	2200	20.5	.299	.120	1.200	.370				46.70	38.00			715.
76	7	22	100	19.6	.329	.110	1.200	.120				51.30	40.00			711.
76	7	22	400	17.8	.310	.080	1.000	.130				52.30	40.00			703.
76	7	22	700	16.9	.322	.060	.900	.110				56.90	40.00			698.
76	7	22	1000	16.0	.374	.020	.600	.100					38.00			675.
76	7	22	1300	16.9	.286		.400	.110				62.30	38.00			649.
76	7	22	1600	16.9	.320		.300	.030				94.30	38.00			653.
76	7	22	1900	16.9	.303		.300	.010				79.60	38.00			654.
76	7	22	2200	18.7	.298		.400					87.30	38.00			666.
76	7	23	100	23.2	.315		.700					91.40	39.00			731.
76	7	23	400	21.4	.315		.900	.010				85.00	42.00			743.
76	7	23	700	22.3	.346	.030	1.000	.100				124.00	41.00			749.
76	7	23	1000	23.2	.353	.030	.800					62.80	41.00		1.00	731.
76	7	23	1300	25.0	.319	.010	.400					72.50	38.00		1.10	677.
76	7	23	1600	23.2	.230	.140	.920	.170				64.00	36.00			633.
76	7	23	1900	66.2	.354	.140	.950	.040				143.00	36.00			645.
76	7	23	2200	121.7	.385	.240	.870	.240				187.00	37.00			662.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION & CODE : NEAR UPPER SANDUSKY, OHIO USGS NO. 04196500

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	7	24	100	138.6	.371	.200	.560	.090				161.00	33.00			675.
76	7	24	400	144.8	.412	.190	.520	.070				226.00	32.00			653.
76	7	24	700	224.8	.818	.180	1.200	.090				897.00	28.00			530.
76	7	24	1000	206.4	.310	.160	1.860	.040				724.00	23.00			410.
76	7	24	1300	261.6	1.170	.320	2.190	.150				738.00	25.00			439.
76	7	24	1600	541.6	1.280	.220	2.420	.030				1168.00	24.00			441.
76	7	24	1900	833.8	2.000	.090	1.140	.550				7428.00	27.00			429.
76	7	24	2200	1024.3	1.520	.260	2.320	.120				1479.00	23.00			381.
76	7	25	100	1054.0	1.350	.210	2.290	.070				1255.00	19.00			366.
76	7	25	400	990.1	1.050	.200	2.620	.050				1024.00	18.00			336.
76	7	25	700	962.0	.841	.210	2.870	.040				860.00	18.00			330.
76	7	25	1000	956.5	.903	.220	2.960	.080				761.00	18.00			359.
76	7	25	1300	886.2	.854	.230	2.980	.030				586.00	19.00			372.
76	7	25	1600	768.0	1.040	.230	2.930	.060				720.00	19.00			371.
76	7	25	1900	643.5	.783	.210	2.860	.020				613.00	19.00			361.
76	7	25	2200	537.3	.697	.210	2.820	.030				474.00	19.00			363.
76	7	26	100	452.7	.684	.190	2.740					442.00	19.00			364.
76	7	26	400	388.4	.684	.200	2.730	.040				392.00	18.00			370.
76	7	26	700	339.4	.647	.200	2.680	.090				383.00	18.00			379.
76	7	26	1000	298.2	.584	.190	2.660					368.00	18.00			385.
76	7	26	1300	267.4	.577	.190	2.710	.010				323.00	19.00			399.
76	7	26	1600	216.8	.625	.270	2.800	.030				309.00	19.00			390.
76	7	27	100	181.6	.563	.230	2.600	.020				276.00	20.00			423.
76	7	27	700	162.9	.541	.220	2.600					266.00	21.00			435.
76	7	27	1300	142.7	.539	.220	2.600					249.00	22.00			447.
76	7	27	1900	127.0	.501	.230	2.600	.010				207.00	23.00			459.
76	7	28	100	117.5	.463	.240	2.500	.030				180.00	23.00			478.
76	7	28	700	109.1	.531	.240	2.400	.010				174.00	24.00			489.
76	7	28	1300	101.0	.480	.230	2.400	.010				197.00	25.00			506.
76	7	28	1900	91.0	.484	.230	2.300	.030				172.00	25.00			524.
76	7	29	100	101.7	.465	.230	2.100	.040				175.00	27.00			549.
76	7	29	1900	125.4	.451	.230	2.000	.020				153.00	28.00			560.
76	7	30	100	109.1	.454	.270	1.900	.030				175.30	29.00			571.
76	7	30	700	95.0	.483	.260	1.900	.020				153.00	29.00			565.
76	7	31	1900	91.0	.456	.230	1.900	.030				192.00	27.00			534.
76	7	31	100	91.0	.469	.200	2.000	.020				125.00	28.00			542.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR UPPER SANDUSKY, OHIO USGS NO. 04196500

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	7	31	700	75.6	.465	.200	2.000	.010				178.00	28.00			552.
76	7	31	1300	68.0	.462	.220	2.000	.010				163.00	28.00			563.
76	7	31	1900	60.8	.436	.220	1.900	.020				137.00	30.00			594.
76	8	1	100	55.4	.424	.230	1.900	.010				103.00	31.00			608.
76	8	1	700	50.0	.451	.230	1.700	.090				149.00	32.00			620.
76	8	1	1300	47.0	.425	.220	1.600	.010				133.00	32.00			629.
76	8	1	1900	44.0	.346	.210	1.500					86.50	34.00			649.
76	8	2	100	41.0	.386	.220	1.600	.050				88.70	34.00			660.
76	8	2	700	39.5	.379	.270	1.600	.060				96.20	34.00			667.
76	8	2	1300	38.0	.379	.230	1.500	.020				98.20	34.00			664.
76	8	2	1900	34.0	.354	.280	1.800	.050				73.70	39.00			664.
76	8	3	100	33.0	.369	.300	1.900	.060				70.60	39.00			677.
76	8	3	700	32.0	.334	.310	1.700	.100				66.10	40.00			676.
76	8	3	1300	30.0	.334	.270	1.500	.070				61.00	38.00			664.
76	8	3	1900	29.0	.304	.250	1.500	.100				48.60	38.00			672.
76	8	4	100	27.0	.308	.200	1.500	.090				59.60	41.00			695.
76	8	4	700	27.0	.322	.210	1.300	.080				64.80	41.00			673.
76	8	4	1300	26.0	.306	.160	.800	.180				61.70	39.00			632.
76	8	4	1900	23.2	.256	.080	.400	.310				57.50	39.00			609.
76	8	5	100	22.3	.280	.090	.700	.260				58.40	40.00			653.
76	8	5	700	20.5	.302	.110	.700	.200				66.70	40.00			647.
76	8	5	1300	20.5	.310	.090	.300	.340				50.90	40.00			647.
76	8	5	1900	20.5	.278	.050	.100	.270				55.70	39.00			636.
76	8	6	100	18.7	.279	.090	.700	.290				52.50	40.00			700.
76	8	6	700	17.8	.348	.120	.800	.300				68.50	40.00			696.
76	8	6	1300	17.8	.323	.140	.700	.290				56.80	40.00			704.
76	8	6	1900	19.6	.304	.110	.500	.260				65.30	41.00			724.
76	8	7	100	19.6	.304	.140	.800	.250				49.60	42.00			748.
76	8	7	700	24.1	.300	.150	.900	.230				67.10	42.00			733.
76	8	7	1300	41.0	.336	.180	1.100	.270				48.10	43.00			767.
76	8	7	1900	34.0	.352	.200	1.000	.250				68.00	41.00			686.
76	8	8	100	87.0	.461	.200	.800	.140				151.00	41.00			673.
76	8	8	700	323.0	.742	.240	1.000	.150				339.00	39.00			622.
76	8	9	1300	285.4	1.050	.540	2.500	.390				229.00	42.00			516.
76	8	8	1900	295.0	.890	.480		.590				242.00				430.
76	8	9	100	276.1	.631	.310	2.400	.190				225.00	25.00			398.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR UPPER SANDUSKY, OHIO USGS NO. 04196500

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	8	9	1300	193.6	.484	.260	2.300	.070				165.00	27.00			502.
76	8	9	700	230.4	.557	.280	2.000	.110				191.00	20.00			447.
76	8	9	1900	167.4	.480	.280	1.900					157.00	32.00			551.
76	8	10	100	144.8	.531	.290	1.900	.020				196.00	34.00			552.
76	8	10	700	125.9	.456	.260	1.900	.010				159.00	34.00			543.
76	8	10	1300	109.1	.422	.260	1.900	.030				155.00	34.00			540.
76	8	10	1900	95.0	.435	.270	1.900	.030				133.00	35.00			558.
76	8	11	100	83.2	.452	.290	1.900	.040				146.00	35.00			568.
76	8	11	700	69.9	.478	.300	1.900	.030				170.00	36.00			574.
76	8	11	1300	62.6	.410	.280	1.800	.060				119.00	36.00			583.
76	8	11	1900	57.2	.399	.270	1.900	.060				113.00	39.00			618.
76	8	12	100	51.8	.431	.290	2.000	.070				113.00	39.00			627.
76	8	12	700	47.0	.464	.310	2.000	.050				126.00	39.00			636.
76	8	12	1300	42.5	.452	.290	1.800	.070				117.00	40.00			640.
76	8	12	1900	38.0	.436	.260	1.700	.070				110.00	41.00			658.
76	8	13	100	38.0	.399	.250	1.800	.070				96.00	41.00			663.
76	8	13	700	42.5	.391	.290	1.800	.080				83.40	41.00			682.
76	8	13	1300	39.5	.397	.290	1.500	.160				72.80	41.00			691.
76	8	13	1900	25.0	.341	.190	1.000	.120				54.90	40.00			657.
76	8	14	100	25.0	.344	.180	1.000	.090				70.60	40.00			669.
76	8	14	700	34.0	.386	.240	1.100	.060				86.30	39.00			676.
76	8	14	1300	41.0	.383	.210	.900	.110				87.30	38.00			676.
76	8	14	1900	41.0	.341	.100	.600	.090				79.70	38.00			674.
76	8	15	100	38.0	.380	.080	.500	.150				95.00	38.00			672.
76	8	15	700	123.8	.582	.180	.700	.130				215.00	39.00			684.
76	8	15	1300	339.8	1.060	.450	1.300	.020				446.00	49.00			663.
76	8	15	1900	241.6	.717	.360	1.300	.030				227.00	47.00			617.
76	8	16	100	184.0	.657	.320	1.300	.060				216.00	39.00			515.
76	8	16	700	153.6	.633	.260	1.200	.040				255.00	28.00			487.
76	8	16	1300	136.4	.634	.280	1.300	.070				229.00	26.00			404.
76	8	16	1900	125.9	.461	.330	1.700	.110				172.00	29.00		4.40	444.
76	8	17	700	132.2	.443	.310	1.600	.100				176.00	28.00		5.10	462.
76	8	17	1900	103.0	.490	.350	1.900	.090				155.00	32.00		3.60	504.
76	8	18	700	79.4	.416	.350	2.000	.190				168.00	35.00		4.10	539.
76	8	18	1900	62.6	.413	.390	1.700	.140				93.90	36.00		3.00	574.
76	8	19	700	48.5	.435	.380	1.600	.090				90.80	36.00		2.80	591.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION #/CODE : NEAR UPPER SANDUSKY, OHIO USGS NO. 04196500

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO+2 NO+3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	8	19	1900	41.0	.455	.360	1.500	.090				125.00	35.00		3.40	605.
76	8	20	700	35.0	.435	.400	1.900	.090				91.80	38.00		3.00	642.
76	8	20	1900	31.0	.410	.410	2.000	.140				71.30	40.00		2.40	648.
76	8	21	700	27.0	.509	.430	2.000	.120				121.00	40.00		4.40	676.
76	8	21	1900	26.0	.375	.340	1.500	1.000				59.80	39.00		2.00	674.
76	8	22	700	24.1	.473	.380	1.800	.360				133.00	40.00		4.00	687.
76	8	22	1900	20.5	.440	.350	1.300	.430				97.00	40.00		4.00	681.
76	8	23	700	16.0	.400	.340	1.400	.460				80.60	41.00		3.00	703.
76	8	23	1300	20.5	.416	.250	1.200	.920				116.00	40.00		3.60	696.
76	8	23	1900	22.3	.421	.290	1.400	.030				59.40	39.00			691.
76	8	24	700	18.7	.496	.350	1.800	.020				74.10	42.00			720.
76	8	24	1900	18.7	.459	.320	1.000	.030				45.80	43.00			738.
76	8	25	700	16.8	.483	.330	1.000	.020				63.90	51.00			793.
76	8	25	1900	18.7	.515	.280	.700	.020				94.80	45.00			766.
76	8	26	700	15.4	.555	.390	.900	.020				74.30	47.00			798.
76	8	26	1900	13.6	.570	.310	.600	.160				109.00	46.00			788.
76	8	27	700	12.3	.579	.360	1.100	.180				101.00	47.00			828.
76	8	27	1900	13.0	.578	.270	.600	.490				116.00	47.00			798.
76	8	28	700	14.2	.525	.320	1.400	.210				72.60	48.00			847.
76	8	28	1900	29.0	.526	.190	.500	.280				199.00	45.00			762.
76	8	29	700	18.7	.817	.530	.600	.800				51.10	48.00			748.
76	8	29	1900	15.4	.421	.200	.100	.160				47.30	44.00			749.
76	8	30	700	15.4	.428	.200	.400	.180				79.20	46.00			791.
76	8	30	1300	16.9	.341	.160	.400	.100				44.70	47.00			812.
76	8	31	1900	15.4	.305	.203	.290	.132				30.90	47.00			813.
76	8	31	1900	17.8	.394	.264	.700	.103				33.20	48.00			845.
76	9	1	1900	16.7	.410	.263	.620	.122				53.10	46.00			824.
76	9	2	1900	14.7	.307	.203	.540	.137				31.00	44.00			849.
76	9	3	1900	14.8	.335	.174	.700	.071				57.40	45.00			845.
76	9	4	1900	13.6	.306	.171	.680	.027				36.50	45.00			862.
76	9	5	1900	8.1	.280	.167	.860	.056				25.30	48.00			859.
76	9	6	1900	9.4	.348	.181	1.070	.028				41.80	50.00			857.
76	9	6	1900	9.4	.406	.288	1.510	.031				38.70	52.10			848.
76	9	7	1900	9.4	.360	.300	1.650	.057				51.10	59.00			861.
76	9	8	1900	9.4	.461	.354	1.810	.148				36.40	59.50			913.
76	9	9	1900	14.2	.521	.247	.910	.129				66.80	55.50			902.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR UPPER SANDUSKY, OHIO USGS NO. 04196500

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 9 10	1900	13.6	.483	.184	.390	.144				57.60	57.10			822.
76 9 11	1900	28.0	.427	.196	.140	.066				69.90	49.90			858.
76 9 12	1900	21.4	.447	.172	.190	.049				65.90	46.40			823.
76 9 13	1300	19.6	.435	.180	.450	.025				57.30	49.70			822.
76 9 13	1900	19.6	.405	.253	.690	.037				49.00	46.80			823.
76 9 14	1900	15.4	.484	.275	.810	.087				56.30	56.40			878.
76 9 15	1900	14.2	.649	.315	1.470	.068				75.30	66.30			929.
76 9 16	1900	13.0	.517	.292	1.000	.131				55.00	59.70			926.
76 9 17	1900	17.8	.562	.238	1.680	.158				89.60	56.70			887.
76 9 18	1900	13.6		.297	1.070	.449				46.20	62.10			908.
76 9 19	1900	17.8	.568	.292	.660	.054				59.90	60.70			891.
76 9 20	1300	16.0	.528	.275	.580	.124				61.80	52.30			856.
76 9 20	1900	15.4		.283	1.010	.014				50.10	49.20			848.
76 9 21	700	13.6	.355	.322	2.170	.017				76.70	53.80			873.
76 9 21	1900	13.6	.353	.328	1.580	.032				47.40	57.20			906.
76 9 22	700	11.7	.386	.376	1.270	.141				59.30	55.10			918.
76 9 22	1900	11.1	.402	.402	1.250	.063				39.70	53.90			934.
76 9 23	700	11.7	.442	.425	.980	.039				87.90	52.60			941.
76 9 23	1900	14.2	.360	.334	1.130	.072				48.50	51.30			939.
76 9 24	700	11.7	.343	.239	1.000	.120				77.50	48.80			902.
76 9 24	1900	9.9	.336	.299	2.130	.262				46.00	49.90			927.
76 9 25	700	7.1	.315	.264	1.680	.130				60.70	49.80			936.
76 9 25	1900	7.1	.315	.307	2.260	.203				29.90	53.30			982.
76 9 26	700	7.6	.343	.310	2.010	.178				63.80	55.40			1012.
76 9 26	1900	25.0	.341	.223	1.270	.108				86.90	50.80			944.
76 9 27	700	23.2	.409	.271	1.260	.187				128.00	44.80			701.
76 9 27	1300	18.7	.392	.214	1.200	.330				153.00	42.30			610.
76 9 27	1900	18.7		.290	1.280	.042				156.00	43.20			749.
76 9 28	100	42.5		.276	1.600	.035				170.00	47.30			761.
76 9 28	700	62.6		.299	.880	.030				196.00	45.80			871.
76 9 28	1300	50.7		.283	.810	.050				176.00	47.30			886.
76 9 28	1900	44.9		.329	.960	.060				163.00	52.80			897.
76 9 29	100	42.5		.414	1.180	.054				176.00	59.20			882.
76 9 29	700	48.5		.413	1.070	.047				160.00	54.40			820.
76 9 29	1300	47.0		.433	.930	.059				122.00	49.60			775.
76 9 29	1900	42.5		.448	1.020	.064				124.00	52.00			782.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION #/CODE : NEAR UPPER SANDUSKY, OHIO USGS NO. 04196500

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 9 30	100	39.5		.516	1.790	.046				139.00	56.30			886.
76 9 30	700	36.5		.573	2.530	.074				150.00	57.40			816.
76 9 30	1300	36.5		.644	2.670	.163				94.70	57.00			813.
76 9 30	1900	33.0		.697	2.590	.294				78.30	56.80			825.
76 10 1	100	30.0		.734	2.950	.424				128.00	59.20			846.
76 10 1	700	28.0		.849	2.730	1.180				118.00	62.50			862.
76 10 1	1300	27.0		.846	2.370	1.760				78.20	63.70			875.
76 10 1	1900	24.1		.829	2.590	1.700				98.50	62.50			868.
76 10 2	100	21.4		.756	3.000	1.390				211.00	60.40			869.
76 10 2	700	18.7		.603	2.640	1.280				122.00	56.40			841.
76 10 2	1300	16.9		.516	2.220	1.290				68.20	53.90			826.
76 10 2	1900	16.0		.427	1.950	.979				45.90	50.90			792.
76 10 3	100	15.4		.393	2.090	.676				99.10	47.80			785.
76 10 3	700	14.8		.347	2.240	.427				54.00	48.20			789.
76 10 3	1300	14.8		.317	2.150	.291				99.90	46.20			767.
76 10 3	1900	14.8		.294	1.880	.209				43.10	44.60			751.
76 10 4	100	13.6		.293	1.710	.194				72.90	43.40			746.
76 10 4	700	13.0		.281	2.030	.161				68.80	43.80			753.
76 10 4	1300	13.6		.243	1.930	.059				36.80	44.00			748.
76 10 5	100	12.3	.458	.242	1.850	.060				41.50	47.00			768.
76 10 5	1900	9.4	.360	.238	2.190	.064				32.90	51.40			813.
76 10 6	1900	16.0	.344	.181	1.450	.116				30.50	53.80			891.
76 10 7	1900	11.1	.811	.473	.010	.759				24.80	57.90			935.
76 10 8	1900	12.3	.372	.231	.380	.133				17.30	53.70			924.
76 10 9	1900	25.0	.404	.182	.270	.202				25.30	54.00			961.
76 10 10	1900	17.8	.374	.251	.470	.162				19.70	53.10			914.
76 10 11	700	18.7	.411	.186	.400	.100				74.70	53.10			952.
76 10 11	1900	21.4	.344	.227	.820	.072				22.50	53.50		.90	951.
76 10 12	1900	21.4	.453	.261	.980	.058				38.10	53.40		1.50	937.
76 10 13	1900	16.0	.314	.202	.730	.036				22.20	55.30		.90	973.
76 10 14	1900	20.5	.392	.221	.490	.058				34.50	55.50		1.40	974.
76 10 15	1900	15.4	.350	.218	.470	.141				29.90	60.30		1.10	1008.
76 10 16	1900	14.6	.315	.204	.800	.281				18.70	61.00		.80	1040.
76 10 17	1900	14.2	.312	.231	.950	.178				17.30	59.50		.70	1017.
76 10 18	1300	14.2	.306	.233	1.020	.043				13.90	59.80		.60	993.
76 10 18	1900	15.4	.365	.227	.990	.059				29.20	69.10			968.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR UPPER SANDUSKY, OHIO USGS NO. 04196500

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 1 20	100	16.5	.371	.267	1.210	.226				27.90	70.60			997.
76 1 21	1900	24.1	.433	.317	1.220	.618				17.80	73.90			1053.
76 1 21	1900	21.4	.590	.464	.580	.180				23.00	76.80			980.
76 1 22	1900	26.5	.511	.394	.310	.024				20.90	67.60			968.
76 1 23	1900	25.0	.473	.407	.360	.055				16.70	66.70			889.
76 1 24	1900	36.5	.504	.419	.480	.182				20.80	62.60			829.
76 1 25	1300	34.4	.573	.486	.520	.168				20.90	65.70			866.
76 11 2	1300	41.0	.717	.315	.890	.014				152.00	49.70	4.16		875.
76 11 2	1900	39.5	.564	.315	.830	.020				53.80	50.80	4.19		877.
76 11 3	100	39.5	.605	.367	.950	.045				50.50	52.70	4.11		887.
76 11 3	700	44.0	.605	.415	1.040	.095				33.10	52.40	4.38		872.
76 11 4	1300	47.0	.575	.390	1.260	.026				45.30	52.70	3.75		858.
76 11 3	1300	50.0	.583	.419	1.010	.047				31.50	51.20	4.08		859.
76 11 5	1300	36.5	.545	.420	1.450	.077				19.00	54.40	4.15		856.
76 11 6	1300	32.0	.602	.479	1.350	.097				12.80	54.30	3.47		843.
76 11 7	1300	30.0	.528	.402	1.260	.095				22.70	47.70	2.77		805.
76 11 8	1300	27.0	.400	.293	1.200	.115				14.60	47.90	2.72		856.
76 11 8	1900	27.0	.384	.285	1.250	.087				11.90	52.20	1.92		882.
76 11 9	1900	25.0	.388	.302	.940	.090				11.30	54.10	1.74		902.
76 11 10	1900	23.0	.427	.294	.920	.078				12.80	40.60	1.49		913.
76 11 11	1900	25.0	.478	.314	.480	.140				23.10	55.10	1.41		916.
76 11 12	1900	26.0	.368	.312	.370	.293				9.10	54.60	1.21		922.
76 11 13	1900	24.1	.366	.276	.300	.071				9.60	55.30	1.32		920.
76 11 14	1900	23.0	.317	.264	.250	.092				8.70	53.70	1.05		923.
76 11 15	1300	23.0	.490	.238	.420	.147				59.10	54.80	1.03		934.
76 11 16	100	22.3	.416	.244	.600	.088				3.70	53.50			950.
76 11 16	1900	22.3	.399	.243	.540	.128				34.50	54.20			956.
76 11 17	1900	20.5	.361	.266	.460	.111				8.60	53.80			950.
76 11 18	1300	20.5	.367	.279	.540	.410					55.90			949.
76 11 22	1900	26.	.827	.567	1.140	.208				24.60	56.50	3.35		948.
76 11 23	1900	26.0	.647	.544	1.390	.384				6.70	60.50	1.96		964.
76 11 24	1900	24.1	.629	.546	1.790	.381				7.10	61.50	2.69		987.
76 11 25	1900	26.0	.657	.563	1.980	.487				4.90	62.80	3.56		1008.
76 11 26	1900	28.0	.775	.660	1.700	.518				6.90	61.40	3.63		994.
76 11 27	1900	27.0	.683	.547	1.480	.731				13.60	64.90	2.94		926.
76 11 28	1900	26.5	.591	.456	1.390	.191				16.60	60.80	1.89		969.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR UPPER SANDUSKY, OHIO USGS NO. 04196500

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 11 29	1300	31.0	.473	.395	1.200	.156				48.30	58.40	3.41		968.
76 12 7	1300	31.0	.671	.489	1.210	1.000		1.580		8.60	70.70	1.70		1126.
76 12 8	1300	36.5	.541	.451	1.710	.515		1.140		7.60	66.80	1.22		1152.
76 12 9	1300	39.5	.601	.479	1.660	.616		1.180		6.70	61.60	1.55		1151.
76 12 10	1300	34.0	.648	.536	1.660	.652		1.250		7.90	61.90	1.84		1122.
76 12 11	1300	33.0	.716	.514	1.750	.635		1.380		8.20	64.20	1.34		1086.
76 12 12	1300	30.0	.774	.624	1.710	.913		1.650		6.30	66.20	1.31		1097.
76 12 13	1300	44.0	.817	.654	1.670	1.030		1.750		6.00	65.40	1.39		1086.
76 12 14	700	27.0	.877	.696	1.580	1.240		2.130		8.00	65.30	1.15		1085.
76 12 16	1300	27.0	.877	.734	1.420	1.390		2.340		5.20	84.90	.99	.32	1158.
76 12 17	1300	26.0	.610	.487	1.440	.812		1.700		3.80	82.00	.80	.29	1148.
76 12 18	1300	26.0	.531	.403	1.390	.604		1.580		5.20	70.50	.95	.26	1119.
76 12 19	1300	21.4	.503	.383	1.440	.347		1.020		4.10	65.50	.95	.23	1074.
76 12 20	1300	29.0	.555	.388	1.440	.324		1.220		8.70	63.80	1.07	.37	1079.
76 12 21	700	33.0	.523	.394	1.490	.354		.970		4.10	64.00	.94	.20	1086.
76 12 22	1300	33.0	.506	.366	1.670	.631		1.520		5.60	77.00	1.55		1053.
76 12 23	1300	25.0	.523	.386	1.720	.645		1.500		7.10	71.00	1.64		1047.
76 12 24	1300	31.0	.537	.390	1.520	.578		1.580		6.80	67.70	1.45		1021.
76 12 25	1300	27.0	.532	.381	1.490	.454		1.490		5.10	67.00	1.15		1063.
76 12 26	1300	25.0	.554	.420	1.480	.335		1.440		6.10	66.30	1.24		1063.
76 12 27	700	25.0	.544	.388	1.440	.388		1.420		4.10	66.70	1.42		1043.
76 12 28	700	25.0	.889	.753	1.620	1.580		2.910		2.80	75.20	1.16		1176.
76 12 29	700	26.0	.829	.661	1.340	1.990		3.240		5.80	74.50	1.82		1175.
76 12 29	1900	29.0	.824	.696	1.120	1.880		3.100		5.40	72.00	1.23		1152.
76 12 30	1900	32.0	.810	.618	1.490	1.580		2.400		8.10	78.60	3.37		1202.
77 1 1	1900	28.0	.847	.638	.710	2.000		4.500		6.90	86.80	3.71		1244.
77 1 2	1900	33.0	.832	.647	.420	2.000		4.720		6.30	86.70	2.56		1244.
77 1 3	1300	33.0	.792	.615	.280	2.000		5.490		5.90	87.10	2.36		1266.
77 1 3	1900	34.0	.703	.580	.260	2.000				6.10	86.20			1283.
77 1 4	1900	33.0	.736	.605	.640	2.000				4.20	73.10			1200.
77 1 5	1900	33.0	.808	.643	.550	2.000				4.70	74.00			1199.
77 1 6	1500	34.0	.850	.654	.650	2.000				5.70	71.20			1200.
77 1 7	1900	35.0	.774	.600	.640	2.000				5.00	77.20			1224.
77 1 8	1900	36.5	.764	.542	.540	2.000				5.30	73.20			1229.
77 1 9	1900	48.5	.732	.458	.500	2.000				3.50	71.40			1222.
77 1 10	1300	60.0	.599	.447	.500	2.000				3.40	69.30			1195.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR UPPER SANDUSKY, OHIO USGS NO. 04196500

SAMPLING DATE YR MO DY	TIME 24'S HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 1 12	1300	75.6	.685	.425	.530	2.000				42.00	72.80			1147.
77 1 13	1300	85.1	.582	.416	.490	2.000				5.10	74.00			1164.
77 1 14	1300	95.0	.675	.462	.440	2.000				4.20	70.90			1153.
77 1 15	1300	101.0	.749	.511	.450	2.000				3.00	69.80			1163.
77 1 16	1300	103.0	.801	.564	.510	2.000				3.20	72.40			1184.
77 1 17	700	12.0	.922	.583	.480	2.000				4.30	77.90			1220.
77 1 18	1900	12.0	.887	.647	.450	2.000				6.50	72.20			1206.
77 1 19	1900	13.0	.831	.593	.430	2.000				3.10	73.00			1201.
77 1 20	1300	14.0	1.030	.506		2.000				10.70	73.20			1213.
77 1 21	1300	14.0	.823	.561	.330	2.000				7.60	73.10			1215.
77 1 22	1300	14.0	.866	.582	.330	2.000				8.00	69.00			1181.
77 1 23	1300	14.0	.904	.600	.360	2.000				9.60	67.40			1186.
77 1 24	700	13.0	.914	.604	.380	2.000				7.70	64.50			1172.
77 1 25	1900	13.0	.978	.650	.930	2.000				5.80	67.30	7.46	.36	1150.
77 1 26	1900	12.0	.990	.686	.480	2.000				5.90	68.00	7.65	.38	1165.
77 1 27	1900	12.0	.934	.651	.430	2.000				5.60	68.80	7.54	.40	1172.
77 1 28	1900	11.0	1.050	.740	.490	2.000				6.20	69.50	7.60	.42	1197.
77 1 29	1900	11.0	1.200	.855	.500	2.000				5.60	69.10	7.84	.44	1161.
77 1 30	1900	12.0	1.220	.868	.330	2.000				6.80	69.30	7.94	.43	1169.
77 1 31	1300	12.0	1.170	.848	.150	2.000				6.70	70.20	7.44	.43	1173.
77 2 10	1900	11.0	.811	.622	.300	2.000				6.30	78.30	8.17		1114.
77 2 11	1900	11.0	.855	.652	.270	2.000				6.00	83.70	8.05		1137.
77 2 12	1900	11.0	1.200	.959	.380	2.000				11.10	121.00	7.95		1325.
77 2 13	1300	13.0	1.050	.749	.790	2.000				19.40	156.00	6.76		1485.
77 2 14	700	20.0	.779	.550	.610	2.000				13.90	126.00	7.31		1302.
77 2 15	1300	300.0	2.000							106.00		5.30	1.67	902.
77 2 16	1300	280.0	1.230							64.70		5.65	1.04	933.
77 2 17	1300	200.0	1.400							76.40		5.95	1.11	883.
77 2 18	1300	180.0	1.070							34.80		6.20	.68	824.
77 2 19	1300	155.0	.671							23.80		6.10	.64	729.
77 2 20	1300	135.0	.720							25.90		6.10	.57	711.
77 2 21	700	125.0	.565							14.90		6.50	.48	714.
77 2 22	700	200.0	.523	.326	3.740	.248		1.410		23.70	77.90	6.74		766.
77 2 22	1300	200.0	.483	.358	3.300	.636		1.580		14.60	79.50	6.86		770.
77 2 22	1900	200.0	.467	.348	2.940	.791		1.550		12.60	79.80	6.79		785.
77 2 23	700	301.4	.434	.317	2.770	.819		1.380		12.20	79.30	6.81		785.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION #/CODE : NEAR UPPER SANDUSKY, OHIO USGS NO. 04196500

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 [illegible] 23	1300	330.0	.943	.371	3.310	.559		1.970		55.20	81.10	6.54		782.
77 [illegible] 23	1900	367.0	.934	.357	3.270	.150		1.670		100.00	79.00	6.10		750.
77 [illegible] 24	700	1656.0	1.360	.327	1.090	.761		2.960		232.00	58.70	4.86		574.
77 [illegible] 24	1300	1554.0	1.330	.354	1.650	.757		3.260		263.00	56.90	4.78		558.
77 [illegible] 24	1900	1826.0	1.310	.318	1.410	.759		4.090		293.00	46.50	3.85		448.
77 [illegible] 25	100	2024.0	1.450	.381	1.770	1.080		3.700		360.00	42.70	3.89		411.
77 [illegible] 25	700	2272.0	1.190	.327	2.130	.919		2.870		290.00	40.90	3.58		373.
77 [illegible] 25	1300	2665.0	1.110	.257	2.210	.814		3.230		340.00	40.30	3.80		372.
77 [illegible] 25	1900	2899.0	.929	.216	2.460	.539		3.270		325.00	40.20	3.77		372.
77 [illegible] 26	100	2962.0	.764	.180	2.560	.427		2.780		284.00	36.60	3.44		332.
77 [illegible] 26	700	2184.0	.666	.156	2.840	.295		2.480		241.00	35.80	3.58		315.
77 [illegible] 26	1300	1198.0	.548	.112	3.030	.272		1.970		197.00	35.90	3.73		311.
77 [illegible] 26	1900	986.0	.553	.106	3.230	.262		2.570		235.00	36.20	3.86		312.
77 [illegible] 27	700	891.0	.472	.084	3.450	.259		2.150		193.00	36.90	4.14		321.
77 [illegible] 27	1300	876.6	.423	.085	3.850	.255		1.700		179.00	39.30	4.59		353.
77 [illegible] 27	1900	686.0	.372	.091	4.210	.250		1.470		153.00	41.60	4.81		383.
77 [illegible] 28	100	676.6	.326	.085	4.440	.274		1.463		125.00	44.30	5.40		420.
77 [illegible] 28	700	629.4	.329	.125	4.490	.287		15.500		115.00	48.60	5.36		452.
77 [illegible] 28	1300	580.4	.288	.119	4.590	.293		1.320		88.90	48.00	5.53		470.
77 [illegible] 29	1900	524.6	.232	.113	5.780	.172		1.140		56.40	52.90	6.18	2.00	535.
77 [illegible] 1	100	498.6	.175	.104	5.560	.269		1.150		19.20	53.90	6.43	1.00	578.
77 [illegible] 2	1900	211.6	.183	.125	4.950	.359		.690		16.80	54.10	6.63	.70	612.
77 [illegible] 3	1900	172.0	.171	.106	4.230	.450		.900		10.30	53.00	6.84	.70	649.
77 [illegible] 4	100	228.2	.168	.102	3.570	.347		.790		17.90	56.90	6.85	.70	672.
77 [illegible] 4	1900	398.6	.240	.103	6.990	.315		1.380		69.10	57.10	6.48	2.80	544.
77 [illegible] 7	100	241.4	.277	.119	6.170	.208				17.30	54.20	8.25		615.
77 [illegible]	100	220.6	.194	.086	5.630	.336				16.30	53.90	7.16		638.
77 [illegible]	1900	178.2	.162	.097	5.140	.213				11.70	53.80	7.58		658.
77 [illegible] 11	1900	176.0	.164	.098	4.610	.199				15.00	52.70	7.02		671.
77 [illegible] 11	1900	165.1	.199	.098	4.160	.163				19.80	52.30	6.74		677.
77 [illegible] 13	1900	405.0	.228	.092	3.950	.242				42.80	54.60	6.26		696.
77 [illegible] 14	1300	353.0	.422	.145	5.240	.186				115.00	59.10	6.71		639.
77 [illegible] 14	1900	436.8	.338	.161	5.710	.084		1.090		118.00	63.10	7.30	4.00	604.
77 [illegible] 15	1900	311.0	.244	.140	6.080	.087		1.020		59.70	60.10	7.98	2.60	604.
77 [illegible] 16	1900	229.0	.211	.152	5.310	.284		1.660		35.00	56.70	7.55	1.40	635.
77 [illegible] 17	1900	162.0	.184	.138	4.470	.060		.678		37.10	56.10	6.38	.90	666.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

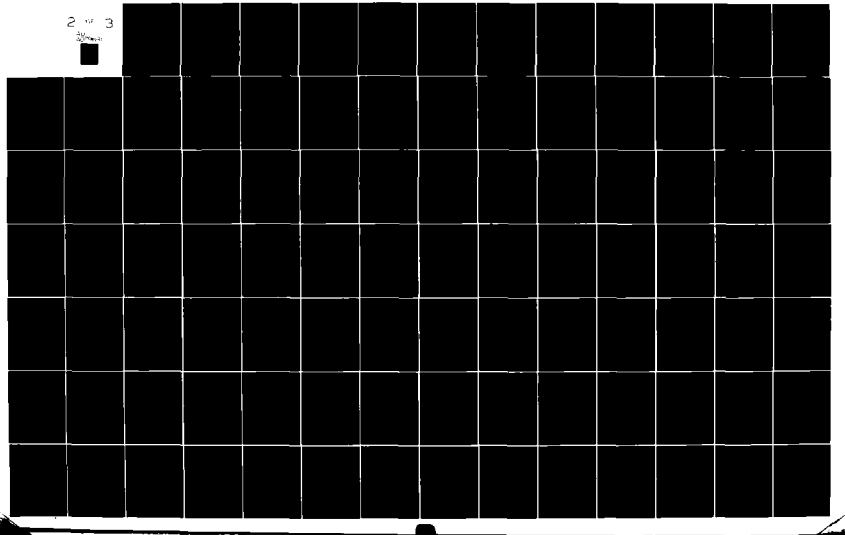
STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR UPPER SANDUSKY, OHIO USGS P.O. 04196500

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	3	18	1900	1007.2	.367	.156	3.760	.067		1.040		119.00	55.80	5.27	4.30	631.
77	3	19	100	1516.0	.596	.152	5.190	.128		4.390		337.00	51.60	5.70	11.90	562.
77	3	19	700	1803.0	.721	.185	6.600	.286		2.090		340.00	48.60	6.10	14.80	487.
77	3	19	1900	1976.0	.700	.166	6.970	.197		2.120		373.00	49.40	6.23	14.30	422.
77	3	20	100	1474.0	.642	.142	7.020	.190		2.380		298.00	44.90	6.19	14.30	402.
77	3	20	700	1132.0	.545	.136	7.180	.179		2.230		212.00	41.50	6.30		420.
77	3	20	1300	865.0	.432	.133	7.530	.173		2.570		150.00	41.30	6.58	10.50	447.
77	3	21	1900	729.4	.371	.094	7.910	.186		1.730		126.00	42.70	7.20	2.30	472.
77	3	21	100	667.0	.337	.132	7.940	.133		1.670		108.00	43.50	7.02	2.60	473.
77	3	21	700	620.0	.279	.138	7.660	.148		1.630		85.40	43.50	7.09	2.40	473.
77	3	21	1300	584.8	.207	.072	7.200	.100				47.30	40.20	7.03	2.50	514.
77	3	21	1900	537.3	.207	.073	7.200	.087				36.60	41.20	6.97	2.90	543.
77	3	22	100	487.1	.192	.069	7.020	.077				37.70	41.20	6.85	2.60	553.
77	3	22	700	499.4	.301	.099	6.480					70.70	42.60	7.79	3.90	554.
77	3	22	1300	567.4	.226	.080	6.410	.118				56.80	42.30	6.71	3.30	563.
77	3	22	1900	823.4	.268	.084	6.420	.064				81.20	41.30	6.71	4.70	545.
77	3	23	100	1120.0	.317	.077	7.080	.256				104.00	39.70	7.65	6.60	506.
77	3	23	700	1306.0	.323	.084	7.420	.097				120.00	39.90	7.08	6.40	482.
77	3	23	1300	1288.0	.347	.077	7.540	.119				124.00	40.40	7.04	6.90	485.
77	3	23	1900	1144.0	.312	.081	7.640	.062				93.00	40.30	6.50	5.90	477.
77	3	24	100	967.5	.276	.069	7.790	.077				82.20	40.00	7.47	5.20	478.
77	3	24	700	793.0	.234	.069	7.920	.088				64.30	40.10	6.79	4.30	490.
77	3	24	1300	652.9	.205	.065	7.830	.106				55.20	40.40	7.48	3.50	506.
77	3	25	1300	388.9	.157	.063	6.670	.073				37.30	41.10	7.50	2.10	575.
77	3	26	1300	276.1	.148	.068	6.040	.077				30.70	41.90	6.68	1.50	611.
77	3	27	1300	222.0	.136	.055	5.280	.077				29.40	41.80	5.87	1.50	634.
77	3	28	700	233.2	.238	.074	4.520	.046				41.10	42.80	5.12	1.80	631.
77	3	29	100	467.6	.228	.098	4.270	.045				11.60	34.00	7.24	2.90	574.
77	3	29	1900	839.0	.325	.116	5.860	.026				132.00	35.50	8.79	5.40	532.
77	3	30	1900	528.6	.279	.107	6.290	.030				114.00	33.80	8.89	4.80	505.
77	3	31	1900	398.2	.221	.091	5.940	.033				70.70	32.30	8.97	3.60	540.
77	4	1	1900	209.0	.277	.200	5.310	.069				35.30	34.00	7.05	1.50	600.
77	4	2	1900	849.4	.429	.177	4.950	.063				137.00	34.00	7.09	5.60	561.
77	4	3	100	1803.0	.491	.164	3.950	.049				220.00	30.80	7.79	8.40	522.
77	4	3	700	2396.0	.708	.134	5.210	.080				366.00	24.20	7.90	17.20	423.
77	4	3	1300	2719.0	.754	.137	5.550	.105				377.00	23.60	10.20	18.40	392.

AD-A079 691 CORPS OF ENGINEERS BUFFALO N Y BUFFALO DISTRICT F/G 8/8
WATER QUALITY DATA FOR SANDUSKY RIVER MATERIAL TRANSPORT STATIO--ETC(U)
AUG 78

UNCLASSIFIED NL



LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR UPPER SANDUSKY, OHIO USGS NO. 04196500

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	4	3	1900	2953.0	.714	.121	5.540	.092				349.00	21.40	8.55	18.00	361.
77	4	4	100	3180.0	.677	.111	5.275	.089				296.00	18.60	9.15	17.80	333.
77	4	4	700	3323.0	.653	.097	4.980	.067				284.00	19.30	7.73	17.10	353.
77	4	4	1300	3200.0	.621	.094	4.890	.067				242.00	17.20	10.10	16.20	323.
77	4	4	1900	1953.0	.488	.089	6.030	.055				225.00	18.70	7.45	11.20	394.
77	4	5	100	1210.0	.440	.091	6.250	.040				197.00	20.40	7.65	9.50	429.
77	4	5	700	945.5	.360	.089	6.150	.047				153.00	21.70	7.68	7.60	450.
77	4	5	1300	828.6	.370	.101	5.920	.043				139.00	22.80	7.73	6.80	472.
77	4	5	1900	773.0	.333	.103	5.770	.195				99.90	23.40	7.67	6.10	470.
77	4	6	1900	576.0	.283	.085	5.310	.045				78.30	25.70	7.32	4.50	512.
77	4	7	1900	444.4	.209	.082	5.180	.623				49.00	30.80	7.47	2.80	556.
77	4	8	1900	353.5	.165	.073	5.110	.049				30.10	27.70	7.14	2.10	566.
77	4	9	1900	267.4	.169	.068	5.050	.088				41.40	29.40	6.74	1.90	591.
77	4	10	1900	216.9	.310	.203	4.770	.120				32.40	30.50	5.88	1.70	619.
77	4	11	1300	198.6	.167	.081	4.460	.201				32.50	30.60	5.66	1.60	636.
77	4	11	1900	191.2	.169	.079	4.630	.047				17.80	33.90	5.64	1.30	647.
77	4	13	1900	138.5	.169	.086	3.820	.067				37.30	33.80	4.40	1.10	661.
77	4	14	1900	128.0	.129	.064	3.280	.040				31.70	33.20	3.22	.90	678.
77	4	15	1900	111.2	.144	.069	2.770	.067				16.90	35.80	1.89	.80	678.
77	4	16	1900	97.0	.138	.072	2.290	.080				16.70	35.30	2.39	.70	667.
77	4	17	1900	89.0	.126	.060	2.030	.069				12.90	35.60	1.61	.60	642.
77	4	18	1900	81.3	.195	.087	2.150	.040				18.50	38.60	2.99	.70	710.
77	4	20	700	77.5	.170	.097	2.000	.051				31.40	37.70	3.08	.80	709.
77	4	21	1900	75.6	.170	.073	1.210	.130				22.40	37.60	2.45	.90	708.
77	4	22	1900	115.4	.143	.071	.780	.234				31.50	38.00	1.58	.50	700.
77	4	23	1900	392.4	.325	.158	1.330	.084				48.20	41.60	2.51	1.60	708.
77	4	24	1900	503.6	.738	.215	2.350	.222				159.00	44.70	3.00	4.10	671.
77	4	25	1500	356.6	.418	.120	5.860	.048				130.00	38.50	8.90	4.70	581.
77	4	25	1900	323.6	.226	.106	6.210	.309				26.30	35.10	7.01	1.30	580.
77	4	26	1500	392.4	.232	.106	6.030	.250				72.60	35.10	6.47	1.90	574.
77	4	27	1500	357.0	.260	.109	6.080	.391				68.60	36.50	6.03	2.00	609.
77	4	28	1500	261.6	.447	.193	5.190	.133				117.00	36.90	4.83	1.80	638.
77	4	29	1500	224.8	.191	.101	4.660	.248				25.30	35.00	4.51	.80	622.
77	4	30	1500	201.2	.196	.096	4.330	.077				37.70	35.60	4.39	.80	634.
77	5	1	1500	165.1	.210	.092	3.780	.101				39.90	35.70	3.51	1.00	647.
77	5	2	900	163.5	.384	.118	3.630	.140				33.30	36.50	2.63	1.10	654.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR UPPER SANDUSKY, OHIO USGS NO. 04196500

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	5	2	1550	146.9	.352	.188	3.000	.091				40.40	38.70	.87	1.00	658.
77	5	3	1550	144.8	.218	.137	2.580	.107				19.20	37.40	.90	.70	668.
77	5	4	1550	491.0	.303	.153	2.970	.084				119.00	36.10	1.83	2.00	626.
77	5	4	2150	828.6	.603	.146	5.840	.087				309.00	30.40	4.34	10.20	541.
77	5	4	350	923.5	.499	.154	7.490	.114				321.00	29.40	5.68	8.18	507.
77	5	4	950	1216.0	.553	.141	8.510	.102				275.00	28.60	6.53	9.60	481.
77	5	5	1550	1174.0	.584	.164	6.980	.056				268.00	30.00	6.28	9.00	500.
77	5	5	2150	990.1	.497	.138	7.120	.057				225.00	28.90	6.83	7.70	479.
77	5	5	350	849.4	.413	.117	7.450	.121				198.00	27.90	7.34	6.30	483.
77	5	5	950	753.4	.408	.123	7.730	.084				185.00	29.20	7.79	6.40	503.
77	5	6	1550	695.8	.405	.118	7.510	.072				181.00	30.90	7.78	5.90	518.
77	5	6	2150	606.8	.402	.122	7.350	.097				219.00	31.20	7.87	5.40	529.
77	5	6	350	512.0	.404	.116	6.910	.161				182.00	30.80	7.65	5.50	539.
77	5	6	950	433.0	.378	.120	6.440	.145				151.00	30.40	7.52	4.80	544.
77	5	7	1550	378.0	.279	.112	6.400	.073				152.00	31.50	7.74	2.70	559.
77	5	7	2150	336.6	.218	.124	6.240	.124				134.00	32.00	7.76	1.68	568.
77	5	7	350	321.4	.263	.125	5.930	.117				111.00	31.90	7.42	2.10	602.
77	5	7	950	273.2	.310	.121	5.940	.088				83.40	32.60	7.46	3.00	606.
77	5	8	1550	250.0	.302	.133	5.760	.123				77.40	33.10	7.35	2.80	614.
77	5	8	950	198.6	.235	.123	5.230	.117				47.70	33.20	6.56	1.80	642.
77	5	9	1300	181.6		.091	4.440	.035				37.30	31.20	5.15		620.
77	5	10	1900	146.9		.102	4.230	.032				24.80	32.00	6.09		647.
77	5	11	1500	125.9		.112	4.040	.049				22.30	32.50	5.33		659.
77	5	12	1500	109.1		.186	3.670	.048				28.80	33.60	4.01		681.
77	5	13	1900	97.0		.143	3.060	.092				15.20	33.50	2.64		682.
77	5	14	1300	107.0		.074	3.060	.040				19.00	32.90	2.81		690.
77	5	15	1900	79.4		.075	2.660	.069				25.30	33.70	2.74		693.
77	5	16	1300	71.8		.970	3.020	.062				35.70	33.50	3.39		720.
77	5	16	1900	68.7	.253	.186	2.480	.294				26.30	40.10	1.48	1.10	731.
77	5	17	1900	85.1	.550	.172	2.630	.340				391.00	41.30	1.71	13.30	682.
77	5	18	1900	68.7	.389	.214	2.270	.312				67.80	40.30	1.42	2.90	707.
77	5	19	1900	55.4	.286	.189	2.330	.300				63.60	40.40	1.87	2.30	748.
77	5	20	1900	48.5	.280	.165	1.530	.283				52.70	39.40	1.28	1.90	768.
77	5	21	1900	42.5	.308	.198	1.850	.243				52.70	40.70	2.12	1.90	780.
77	5	22	1900	38.0	.348	.202	1.850	.240				80.30	42.30	2.80	2.80	800.
77	5	23	1300	41.0	.392	.174	1.460	.284				97.10	42.00	1.19	3.30	803.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR UPPER SANDUSKY, OHIO USGS NO. 04196500

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 5 [illegible]	1900	41.[illegible]	.322	.149	1.450	.054		.760		45.20	41.00	1.37	2.00	783.
77 5 25	1900	62.6	.634	.304	1.730	.044				105.00	41.80	3.36	5.90	742.
77 5 26	1900	34.0	.522	.267	2.060	.061				107.00	48.40	3.97	3.70	770.
77 5 27	1900	26.[illegible]	.511	.224	1.810	.061				103.00	43.60	2.54	3.60	756.
77 5 28	1900	22.3	.401	.140	1.060	.180				82.10	41.20	1.72	2.50	731.
77 5 29	1900	19.6	.278	.111	.670	.202				38.40	40.70	1.10	1.20	728.
77 5 30	1300	17.8	.330	.118	.820	.198		2.130		57.80	40.40	1.42	2.00	742.
77 5 31	1900	18.7	.619	.149	1.130	.081		1.630		174.00	37.50	2.93	6.70	814.
77 6 2	100	16.[illegible]	.440	.140	.910	.076				68.80	39.20	3.08	3.30	847.
77 6 2	1900	16.[illegible]	.440	.144	.740	.113				60.90	39.80	3.03	3.00	861.
77 6 3	1900	16.0	.416	.122	.540	.145				66.60	38.90	2.06	2.80	877.
77 6 4	1900	15.4	.427	.087	.540	.159				75.90	38.40	2.55	2.80	899.
77 6 5	1300	15.4	.539	.154	.660	.147				99.40	40.00	3.75	3.80	897.
77 6 6	700	15.4	.485	.107	.930	.140		1.490		105.00	38.70	4.99	3.90	917.
77 6 6	1900	15.4	.472	.147	1.270	.094		1.180		115.00	42.10	4.63	3.60	903.
77 6 7	1900	15.4	.421	.156	1.450	.111				82.20	44.30	4.79	2.10	937.
77 6 8	1900	20.5	.447	.192	1.390	.098				86.10	47.10	5.15	2.70	947.
77 6 9	1900	27.[illegible]	.805	.289	.970	.377				152.00	48.10	4.79	4.60	844.
77 6 10	1900	35.[illegible]	.561	.185	.600	.143				118.00	46.80	4.43	3.90	883.
77 6 11	1900	28.0	.535	.139	.330	.138				131.00	49.40	3.78	4.30	894.
77 6 12	1900	22.3	.401	.119	.510	.089				103.00	46.40	3.77	3.20	871.
77 6 13	700	19.6	.378	.118	.740	.109		1.760		76.60	45.80	4.06	2.40	872.
77 6 16	1900	45.0	.329	.134	2.030	.064		.920		64.30	47.40	3.93	2.60	847.
77 6 17	1900	110.[illegible]	.343	.165	1.830	.056				43.50	52.10	1.73	1.70	869.
77 6 18	1900	70.0	.326	.166	2.100	.012				52.50	59.30	1.52	2.20	885.
77 6 19	100	43.[illegible]	.336	.178	1.450	.201				58.30	57.20	.62	2.10	846.
77 6 21	1300	22.[illegible]	.386	.171	1.730	.056		.980		63.10	51.10	2.42	2.10	826.
77 6 22	1900	21.4	.544	.167	1.270	.176				224.00	45.20	3.40	4.80	841.
77 6 23	1300	18.7	.497	.170	1.260	.114				96.70	47.30	3.55	3.00	833.
77 6 24	100	14.[illegible]	.394	.196	1.190	.110				86.80	55.90	3.94	2.30	904.
77 6 24	1900	13.[illegible]	.412	.159	.990	.128				84.60	55.30	3.25	2.80	940.
77 6 25	1900	12.5	.373	.156	1.010	.177				76.20	55.00	3.68	2.10	929.
77 6 [illegible]	1900	12.[illegible]	.403	.171	1.020	.100				85.50	57.60	4.17	2.60	971.
77 6 26	1900	11.1	.426	.129	.790	.293				85.80	57.70	2.19	2.40	973.
77 6 27	1300	10.[illegible]	.498	.135	1.130	.201				110.00	58.10	.97	2.90	958.
77 6 27	1900	11.1	.854	.313	3.020	.010				328.00	56.60	1.30	7.80	922.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR UPPER SANDUSKY, OHIO USGS NO. 04196500

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	6	28	100	10.5	.436	.235	1.980	.014				157.00	55.10	1.79	2.70	906.
77	6	28	700	9.9	.447	.272	1.720					110.00	57.00	1.91	2.40	925.
77	6	28	1300	9.9	.474	.298	1.430	.120				76.80	57.30	1.21	1.80	931.
77	6	28	1900	9.9	.485	.260	1.090	.068				85.40	57.50	.89	2.70	934.
77	6	29	700	14.8	.518	.274	.910	.043				112.00	54.70	2.37	3.30	920.
77	6	29	1300	14.2	.538	.257	2.480	.019				124.00	52.70	2.67	3.90	917.
77	6	29	1900	13.6	.641	.406	1.020	.094				62.10	57.10	2.31	1.90	931.
77	6	30	100	13.6	.706	.389	2.110	.133				73.60	48.20	1.14	1.90	885.
77	6	30	700	13.6	.630	.364	.590	.050				75.80	49.70	1.10	2.50	859.
77	6	30	1300	13.6	.569	.307	.710	.025				87.30	52.60	1.82	2.90	873.
77	6	30	1900	13.0	.561	.265	.750	.135				69.30	53.80	2.69	2.20	891.
77	7	1	100	381.6	.513	.227	.390	.117				81.70	50.60	1.35	2.10	890.
77	7	1	700	273.2	1.480	.162	1.830	.289				1349.00	28.20	3.91	49.90	498.
77	7	1	1300	624.7	2.000	.095	3.270	.212				3367.00	21.00	3.60	121.00	399.
77	7	1	1900	912.7	1.860	.170	4.050	.092				1683.00	31.50	5.19	63.10	536.
77	7	2	100	839.0	2.000	.206	5.090	.254				2028.80	28.90	4.95	81.80	442.
77	7	2	700	417.8	1.620	.162	8.680	.383				1365.00	21.00	5.16	55.00	379.
77	7	2	1300	558.8	1.370	.130	11.000	.210				1093.00	23.10	6.16	46.60	414.
77	7	2	1900	216.8	1.270	.124	12.500	.161				994.00	26.70	6.61	41.00	464.
77	7	3	100	304.6	.986	.127	14.100	.292				696.00	26.90	6.85	29.50	477.
77	7	3	700	233.2	.937	.129	14.200	.223				625.00	28.20	7.32	25.70	491.
77	7	3	1300	188.8	.857	.125	14.700	.089				555.00	28.60	8.09	22.30	507.
77	7	4	1300	107.0	.812	.179	14.400	.047		2.830		509.00	32.10	9.57	16.40	585.
77	7	4	1900	97.0	.583	.159	13.500	.063		2.000		318.00	34.10	9.69	10.40	613.
77	7	5	100	91.0	.492	.154	13.100	.040		1.680		259.00	33.90	9.87	8.40	628.
77	7	5	700	83.2	.451	.160	12.200	.030		1.830		221.00	33.70	10.80	7.30	640.
77	7	5	1300	125.9	.512	.148	11.200	.059		1.600		272.80	33.00	10.20	9.00	630.
77	7	6	100	448.2	.544	.150	10.200	.041		1.770		311.00	32.50	9.36	9.90	628.
77	7	6	700	463.7	.994	.261	8.120	.037		2.660		608.00	39.60	9.91	16.90	633.
77	7	6	1300	406.8	1.220	.190	7.880	.021		2.920		779.00	29.60	7.28	27.00	477.
77	7	6	1900	323.8	1.220	.142	7.810	.079		3.190		900.00	26.40	8.47	31.60	479.
77	7	7	100	247.2	1.270	.111	7.710	.050		3.140		984.00	20.70	6.97	38.00	389.
77	7	7	700	193.6	1.060	.121	8.800	.072		2.980		703.00	21.00	7.14	29.40	401.
77	7	7	1300	162.8	.893	.134	9.770	.128		2.300		549.00	22.30	8.03	22.40	418.
77	7	7	1900	144.8	.814	.138	10.100	.061		2.060		498.00	24.00	8.76	19.40	446.
77	7	8	100	130.1	.822	.119	9.980	.077		2.260		693.00	25.00	8.62	24.20	459.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR UPPER SANDUSKY, OHIO USGS NO. 04196500

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 7 [illegible]	700	109.1	.573	.209	9.980	.043		1.290		246.00	27.80	9.18	9.50	496.
77 7 [illegible]	1300	99.[illegible]	.996	.173	9.850	.039				576.00	28.10	8.80	10.80	493.
77 7 [illegible]	1900	89.[illegible]	.554	.153	9.590	.046		1.450		281.00	28.30	9.26	9.80	536.
77 7 [illegible]	100	81.[illegible]	.467	.151	9.530	.056		1.780		276.00	29.50	9.64	7.50	540.
77 7 8	700	188.6	.479	.159	9.310	.070		1.980		235.00	29.90	10.10	7.40	546.
77 7 9	1300	238.8	.554	.154	8.760	.051		1.960		316.00	29.90	9.76	9.00	572.
77 7 10	100	172.0	.718	.171	7.750	.059		2.060		432.00	31.20	10.40	12.70	581.
77 7 10	700	140.6	.661	.165	6.770	.043		2.290		401.00	30.70	10.60	12.10	582.
77 7 10	1300	117.5	.752	.144	5.830	.034		2.100		476.00	28.60	9.86	17.30	507.
77 7 10	1900	103.[illegible]	.786	.156	5.600	.091		2.130		450.00	27.70	8.66	17.80	463.
77 7 11	100	99.0	.682	.154	5.720	.058		2.350		380.00	27.50	8.20	14.40	464.
77 7 11	700	77.5	.679	.152	5.850	.048		3.880		341.00	27.50	9.03	14.30	463.
77 7 11	1300	66.2	.654	.193	5.430	.117		1.450		332.00	28.20	11.40	12.60	530.
77 7 11	1900	60.[illegible]	.524	.167	4.620	.114		2.380		218.00	31.00	10.30	8.90	544.
77 7 12	100	53.6	.460	.171	4.890	.057		2.030		166.00	31.70	9.43	7.70	558.
77 7 12	700	47.[illegible]	.481	.168	5.060	.061		1.470		197.00	31.10	9.75	8.20	559.
77 7 12	1300	44.[illegible]	.469	.157	4.450	.077		2.600		193.00	32.20	10.80	8.10	543.
77 7 13	100	38.[illegible]	.427	.155	4.150	.068		1.990		146.00	33.40	10.00	6.30	579.
77 7 13	700	35.	.401	.154	4.310	.050		1.410		140.00	33.50	9.16	6.00	589.
77 7 13	1300	41.[illegible]	.452	.164	4.380	.055		1.370		175.00	33.00	10.30	7.20	577.
77 7 13	1900	35.[illegible]	.440	.180	4.110	.044		.795		124.00	33.50	10.50	5.00	556.
77 7 14	100	33.[illegible]	.396	.157	3.930	.044		1.130		136.00	34.00	10.40	5.40	563.
77 7 14	700	33.[illegible]	.346	.157	3.880	.087		2.470		96.30	34.10	8.76	4.30	625.
77 7 14	1300	32.[illegible]	.377	.161	3.970	.070		1.990		119.00	33.30	9.66	5.10	646.
77 7 14	1900	30.[illegible]	.393	.143	3.710	.073		1.620		131.00	32.90	10.90	5.30	633.
77 7 15	100	27.[illegible]	.364	.154	3.657	.054		1.913		94.80	33.20	10.80	4.20	642.
77 7 15	700	26.[illegible]	.343	.154	3.57[illegible]	.072		1.173		89.90	34.10	11.10	3.70	664.
77 7 15	1300	26.[illegible]	.407	.161	3.663	.074		1.560		128.00	34.30	11.20	5.20	680.
77 7 15	1900	25.[illegible]	.378	.153	3.574	.073		1.283		110.00	34.20	9.90	4.30	678.
77 7 16	100	24.1	.372	.134	3.241	.110		1.490		112.00	34.60	10.20	4.20	679.
77 7 16	700	22.3	.452	.134	2.973	.064		1.430		169.00	36.60	10.60	5.80	696.
77 7 16	1300	22.3	.529	.155	3.200	.086		1.960		185.00	36.70	10.00	6.50	712.
77 7 17	100	20.[illegible]	.535	.133	2.870	.121		1.600		173.00	37.10	9.61	7.00	716.
77 7 17	700	19.6	.535	.081	2.090	.100		2.330		230.00	36.90	8.84	7.30	705.
77 7 17	1300	17.[illegible]	.627	.087	2.370	.065		2.350		269.00	37.80	8.30	8.80	712.
77 7 17	1900	16.[illegible]	.807	.079	1.990	.115		3.500		533.00	38.60	7.67	11.70	700.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR UPPER SANDUSKY, OHIO USGS NO. 04196500

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 7 18	100	15.4	.898	.077	1.710	.109		3.140		434.00	38.10	6.71	14.40	712.
77 7 18	700	15.4	.691	.053	1.780	.079		3.000		357.00	36.80	5.58	10.50	652.
77 7 18	1300	16.0	.867	.153	1.420	.309				357.00	40.00	1.11	6.80	639.
77 7 18	1900	20.0	.614	.109	.870	.394				253.00	40.10	.98	7.08	627.
77 7 19	100	23.0	.622	.204	1.660	.345				182.00	43.10	1.20	5.30	669.
77 7 19	700	20.0	.735	.265	1.770	.048				236.80	43.00	2.16	5.90	670.
77 7 19	1300	19.0	.621	.190	.790	.402				241.00	41.40	.84	7.20	645.
77 7 20	100	29.0	.850	.122	.390	.650				408.00	40.70	1.00	13.10	652.
77 7 20	700	27.0	.879	.140	.780	.299				371.00	42.90	1.16	14.70	658.
77 7 20	1300	25.0	1.560	.135	.750	.138				744.00	43.20	1.68	30.00	661.
77 7 21	100	22.0	.812	.146	.740	.146				538.00	42.90	1.52	13.00	653.
77 7 21	700	19.0	.739	.099	.500	.249				343.00	43.10	.96	12.00	650.
77 7 21	1300	20.0	.698	.133	1.040	.155				286.00	44.80	1.42	10.70	675.
77 7 21	1900	136.0	.673	.129	1.080	.157				312.00	46.80	1.83	10.50	695.
77 7 22	100	62.0	.732	.128	.780	.116				291.00	45.90	1.71	11.10	696.
77 7 22	700	31.0	1.260	.158	.290	.607				1225.00	41.80	2.18	32.40	604.
77 7 22	1300	25.0	.939	.144	1.380	.292				623.00	33.10	3.24	24.90	475.
77 7 22	1900	42.0	.625	.153	1.430	.203				303.00	38.00	3.86	12.50	544.
77 7 23	100	639.0	.525	.171	.420	.599				157.00	38.80	3.64	6.10	560.
77 7 23	700	634.0	.473	.132	1.010	.234				161.00	40.10	4.65	6.70	610.
77 7 23	1300	571.0	1.760	.376	1.130	.491				893.00	43.40	5.69	29.60	585.
77 7 24	100	436.0	1.680	.160	2.360	.242				1000.00	21.70	5.22	42.40	347.
77 7 24	700	388.0	1.340	.132	3.190	.136				770.00	23.00	5.95	33.80	386.
77 7 24	1300	295.0	1.290	.123	3.810	.205				786.00	18.00	5.77	37.30	325.
77 7 24	1900	214.0	1.890	.113	3.970	.120				1431.00	16.00	6.02	55.80	313.
77 7 25	100	165.0	1.430	.107	4.110	.245				1029.00	15.20	6.43	41.30	380.
77 7 25	700	138.0	.969	.116	4.330	.221				495.00	15.40	7.11	25.20	302.

TYMOCHTEE CREEK
AT
CRAWFORD, OHIO

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : TYMOCHTEE CREEK

LOCATION #/CODE : NEAR CRAWFORD, OHIO USGS NO. 04196800

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 1 5	1130	418.0	.260	.070	8.800	.100				43.30	31.00			525.
76 1 5	1600	264.0	.142	.060	8.600	.110				42.90	34.00		9.12	575.
76 1 6	1600	177.0	.132	.060	9.200	.090				42.30	35.00		7.68	607.
76 1 7	1600	123.2	.114	.050	9.200	.050				28.10	36.00		6.45	627.
76 1 8	1600	84.6	.100	.050	8.600	.080				23.80	36.00		4.77	682.
76 1 9	1600	95.6	.137	.060	8.300	.170				38.10	36.00		6.79	718.
76 1 10	1600	62.4	.150	.060	8.300	.280				34.70	36.00		7.26	726.
76 1 11	1600	41.0	.167	.050	8.500	.390				39.40	37.00		8.10	732.
76 1 12	1000	32.7	.180	.050	8.700	.570				36.30	38.00		8.42	726.
76 1 12	1605	32.7	.246	.040	9.100	.800		2.060		37.10	38.00			736.
76 1 13	1605	32.7	.207	.030	8.900	.830		2.010		30.60	38.00			743.
76 1 14	1605	100.4	.201	.030	9.000	1.000		2.260		15.60	38.00			737.
76 1 15	1605	70.2	.165	.030	9.000	1.150		2.260		20.30	39.00			760.
76 1 16	1605	143.2	.155	.030	9.000	1.330		2.420		17.20	38.00			756.
76 1 17	1605	99.2	.131	.020	9.000	1.660		2.510		15.50	39.00			786.
76 1 18	1605	67.6	.110	.020	9.000	1.690		2.600		9.30	39.00			793.
76 1 19	405	58.5	.119	.020	9.200	1.740		2.540		21.40	40.00			724.
76 1 20	1030	37.7	.150	.060	3.100	.360				25.00	35.00			694.
76 1 21	1030	32.7	.095	.050	3.100	.330				15.20	35.00			721.
76 1 22	1030	29.8	.095	.040	3.100	.300				5.30	35.00			957.
76 1 23	1030	28.9	.069	.040	3.000	.170				6.70	35.00			797.
76 1 24	1030	27.9	.064	.030	2.900	.170				7.70	36.00			875.
76 1 25	1030	27.9	.056	.030	2.800	.160				7.00	36.00			916.
76 1 25	2230	86.0	.071	.030	2.900	.200				7.60	75.00			1126.
76 1 26	430	250.0	.237	.170	1.900	.630				27.70	100.00			1580.
76 1 26	1230	1230.0	.153	.100	1.200	.340				23.20	81.00			584.
76 1 26	1630	1230.0	.357	.130	1.400	.480				128.00	32.00			308.
76 1 26	2230	1168.0	.525	.130	1.400	.510				291.00	12.00			203.
76 1 27	430	1230.0	.498	.140	1.600	.610				236.00	14.00			205.
76 1 27	1030	1230.0	.503	.170	2.000	.660				169.00	14.00			192.
76 1 27	1630	1230.0	.448	.160	2.200	.570				160.00	15.00			204.
76 1 27	2230	1230.0	.423	.160	2.300	.510				104.00	17.00			220.
76 1 28	430	250.0	.418	.190	2.200	.530				113.00	17.00			209.
76 1 28	1030	250.0	.441	.200	2.100	.580				85.30	16.00			195.
76 1 28	1630	250.0	.460	.200	2.200	.560				124.00	15.00			189.
76 1 28	2230	250.0	.449	.200	2.300	.510				106.00	15.00			209.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : TYMOCHTEE CREEK

LOCATION W/CODE : NEAR CRAWFORD, OHIO USGS NO. 04196800

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	1	29	400	120.0	.449	.190	2.600	.470				102.00	15.00			195.
76	1	29	1000	120.0	.397	.180	2.900	.440				88.30	15.00			188.
76	1	29	1600	120.0	.370	.160	3.300	.410				65.30	16.00			232.
76	1	29	2200	120.0	.346	.150	3.600	.370				70.90	17.00			260.
76	1	30	400	74.0	.312	.150	3.800	.340				54.10	18.00			284.
76	1	30	1000	74.0	.287	.160	3.900	.330				61.30	19.00			322.
76	1	30	1600	74.0	.239	.130	4.200	.280				49.50	20.00			361.
76	1	30	2200	74.0	.228	.120	4.400	.270				25.20	22.00			407.
76	1	31	400	56.0	.219	.110	4.500	.250				39.10	22.00			425.
76	1	31	1000	56.0	.201	.100	4.500	.240				36.50	23.00			448.
76	1	31	1600	56.0	.177	.100	4.600	.230				30.30	23.00			469.
76	1	31	2200	56.0	.173	.100	4.600	.220				43.20	24.00			486.
76	2	1	400	43.0	.172	.100	4.600	.220				22.30	24.00			502.
76	2	1	1000	43.0	.161	.090	4.600	.210				19.80	24.00			516.
76	2	1	1600	43.0	.158	.090	4.660	.210				24.60	25.00			524.
76	2	1	2200	43.0	.150	.080	4.600	.200				18.20	25.00			541.
76	2	2	400	35.0	.141	.080	4.600	.190				19.00	25.00			553.
76	2	2	1000	35.0	.132	.070	4.600	.170				10.30	26.00			569.
76	2	3	1130	30.0	.164	.140	4.600	.270				36.50	26.00		12.00	638.
76	2	3	1730	30.0	.140	.140	4.400	.290				110.00	260.00		1.10	6798.
76	2	3	2330	30.0	.130	.130	4.400	.290				7.60	27.00		10.00	781.
76	2	4	530	25.0	.120	.120	4.400	.280				8.50	27.00		8.90	714.
76	2	4	1130	25.0	.110	.110	4.300	.260				9.10	27.00		9.10	727.
76	2	5	1130	21.0	.160	.160	4.200	.240				6.18	28.00		7.70	755.
76	2	6	1130	21.0	.100	.100	4.100	.220				5.20	28.00		7.40	764.
76	2	7	1130	20.0	.100	.100	4.000	.210				7.30	29.00		5.90	772.
76	2	8	1130	19.0	.100	.100	3.900	.210				7.00	29.00		5.30	797.
76	2	9	1500	35.0	.167	.130	3.600	.390		1.370		9.50	34.00			825.
76	2	9	2100	35.0	.166	.130	3.400	.410				12.70	33.00			824.
76	2	10	300	155.0	.157	.120	3.300	.370				10.00	32.00			843.
76	2	10	1500	155.0	.129	.100	3.400	.330		.820		8.90	33.00			850.
76	2	11	300	112.0	.290	.200	3.300	1.000				42.10	100.00			1260.
76	2	11	900	640.0	.285	.150	2.000	.850				69.70	63.00			618.
76	2	11	1500	640.0	.404	.170	1.700	.630		2.410		211.00	20.00			280.
76	2	11	2100	640.0	.483	.180	1.700	1.230				147.00	16.00			318.
76	2	12	300	240.0	.392	.180	1.900	1.000				135.00	17.00			312.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : TYMOCHTEE CREEK

LOCATION #/CODE : NEAR CRAWFORD, OHIO USGS NO. 04196800

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 2 12	900	240.0	.474	.200	1.500	1.170				180.00	16.00			239.
76 2 12	1500	240.0	.437	.220	1.700	.640		2.470		128.00	14.00			241.
76 2 12	2100	240.0	.445	.220	1.900	.840				148.00	14.00			239.
76 2 13	300	210.0	.334	.150	2.200	.700				85.70	16.00			251.
76 2 13	900	210.0	.327	.150	2.400	.890				85.60	17.00			273.
76 2 13	1500	210.0	.350	.160	2.300	.890		2.950		107.00	14.00			253.
76 2 13	2100	210.0	.369	.170	2.100	.900				100.00	14.00			223.
76 2 14	300	190.0	.367	.160	2.200	.810				111.00	13.00			213.
76 2 14	900	190.0	.387	.160	2.100	.710				88.20	13.00			208.
76 2 14	1500	190.0	.351	.150	2.300	.670		2.510		102.00	13.00			212.
76 2 14	2100	190.0	.349	.150	2.400	.680				107.00	13.00			217.
76 2 16	300	600.0	.256	.110	3.600	.640		2.360		56.70	16.00			314.
76 2 16	900	600.0	.278	.090	3.800	.670		2.410		85.00	17.00			326.
76 2 16	1530	600.0	.369	.050	5.700	.230				206.00	27.00			381.
76 2 16	2130	600.0	.484	.050	5.800	.240				323.00	25.00			376.
76 2 17	330	1900.0	.613	.050	5.600	.230				462.00	40.00			378.
76 2 17	930	1900.0	.703	.050	5.600	.190				552.00	24.00			357.
76 2 17	1530	1900.0	.807	.050	5.600	.190				615.00	26.00			349.
76 2 17	2130	1900.0	.881	.040	5.400	.190				750.00	100.00			340.
76 2 18	330	640.0	.971	.040	5.200	.310				864.00	100.00			330.
76 2 18	930	640.0	1.020	.040	5.500	.190				994.00	18.00			326.
76 2 18	1530	640.0	1.120	.040	5.500	.210				1021.00	18.00			323.
76 2 18	2130	640.0	1.120	.040	5.600	.180				1033.00	19.00			321.
76 2 19	330	280.0	1.130	.040	5.500	.140				1032.00	20.00			315.
76 2 19	930	280.0	1.150	.040	5.500	.140				911.00	20.00			307.
76 2 19	1530	280.0	1.140	.050	5.500	.160				964.00	26.00			309.
76 2 19	2130	280.0	1.090	.050	5.500	.130				977.00	16.00			304.
76 2 20	330	410.0	1.080	.040	5.400	.220				966.00	22.00			302.
76 2 20	930	410.0	1.060	.040	5.100	.310				932.00	100.00			298.
76 2 20	1530	410.0	1.060	.040	5.300	.220				838.00	33.00			297.
76 2 20	2130	410.0	1.040	.040	5.400	.220				929.00	33.00			294.
76 2 21	330	620.0	1.030	.050	5.400	.240				885.00	48.00			292.
76 2 21	930	620.0	1.040	.050	5.400	.220				829.00	28.00			289.
76 2 21	1530	620.0	1.030	.050	5.400	.220				907.00	19.00			288.
76 2 21	2130	620.0	1.060	.050	5.300	.230				946.00	39.00			286.
76 2 22	330	460.0	1.100	.040	5.300	.210				893.00	25.00			285.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : TYMOCHTEE CREEK

LOCATION W/CODE : NEAR CRAWFORD, OHIO USGS NO. 04196800

SAMPLING DATE YR	MO	DY	TIME 24 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	2	22	0330	460.0	1.120	.040	5.100	.310				997.00	100.00			283.
76	2	22	1530	460.0	1.130	.040	5.300	.230				1017.00	18.00			280.
76	2	22	2130	460.0	1.220	.040	5.200	.230				1113.00	25.00			279.
76	2	23	0330	360.0	1.310	.050	5.100	.240				1220.00	23.00			275.
76	2	24	0530	260.0	1.370	.040	5.000	.230				1305.00	21.00			272.
76	2	25	2000	260.0	.391	.050	5.700	.120		1.080		96.40	20.00			347.
76	2	26	2000	310.0	.252	.060	5.900	.140		1.210		87.30	22.00			399.
76	2	25	200	260.0	.221	.060	5.700	.150		1.120		76.10	23.00			457.
76	2	26	2000	260.0	.213	.060	5.600	.110		.752		50.90	23.00			482.
76	2	27	2000	221.0	.200	.070	5.500	.190		1.760		71.40	24.00			515.
76	2	28	2000	167.0	.202	.060	5.100	.150		1.520		74.30	24.00			542.
76	2	29	2000	129.0	.176	.050	4.900	.120		.899		64.70	25.00			573.
76	3	1	800	104.0	.173	.050	4.800	.190		.973		61.50	26.00			585.
76	3	1	1030	104.0	.144	.050	4.500	.120				63.60	26.00			617.
76	3	2	1030	79.0	.125	.050	4.300	.120				53.70	26.00			647.
76	3	3	1030	70.0	.114	.040	4.000	.070				50.90	27.00			654.
76	3	4	1630	70.0	.110	.030	4.000	.170				50.00	27.00			662.
76	3	5	2230	70.0	.139	.060	3.900	.110				50.60	52.00			762.
76	4	4	430	457.0	.134	.060	3.500	.150				52.40	51.00			737.
76	4	4	1030	457.0	.378	.060	3.500	.110				220.00	42.00			543.
76	4	4	1630	457.0	.794	.060	4.000	.160				626.00	22.00			410.
76	4	4	2230	457.0	.594	.060	4.300	.130				391.00	19.00			392.
76	4	5	430	944.0	.520	.060	4.300	.130				329.00	20.00			408.
76	4	5	1030	944.0	.561	.080	4.600	.120				341.00	20.00			386.
76	4	5	1630	944.0	.566	.080	4.500	.140				357.00	21.00			393.
76	4	5	2230	944.0	.561	.070	4.700	.120				373.00	21.00			366.
76	4	6	430	1168.0	.617	.050	4.300	.070				432.00	20.00			378.
76	4	6	1030	1410.0	.679	.050	4.400	.100				461.00	18.00			353.
76	5	6	1630	1505.0	.673	.050	4.400	.130				425.00	17.00			332.
76	5	6	2230	1470.0	.658	.070	4.400	.170				398.00	17.00			316.
76	5	7	430	1470.0	.642	.060	4.400	.060				335.00	19.00			310.
76	5	7	1030	1314.0	.595	.060	4.600	.180				287.00	16.00			311.
76	5	7	1630	1170.0	.528	.060	4.700	.200				240.00	16.00			314.
76	5	7	2230	972.0	.510	.040	4.700	.060				235.00	16.00			322.
76	5	8	430	870.0	.547	.050	4.600	.120				269.00	17.00			324.
76	5	8	1030	842.0	.285	.050	4.800	.100		1.240		71.20	25.00		13.50	443.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : TYMOCHTEE CREEK

LOCATION W/CODE : NEAR CRAWFORD, OHIO USGS NO. 04196800

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 3 9	1600	192.0	.205	.040	4.800	.140		13.100		52.60	27.00			495.
76 3 10	1600	121.0	.166	.030	4.700	2.000		1.470		48.90	27.00		6.50	537.
76 3 11	1600	109.6	.158	.050	4.600	.150		1.190		38.80	45.00		5.10	627.
76 3 12	1600	92.4	.130	.030	4.300	.170		1.150		53.10	29.00		4.50	594.
76 3 13	400	86.0	.148	.040	4.200	2.000		1.020		53.80	29.00		3.50	605.
76 3 13	1000	86.0	.094	.040	4.300	2.000		.680		43.50	30.00		3.20	610.
76 3 13	1600	87.6	.189	.040	4.200	.240		1.480		29.40	29.00		6.40	613.
76 3 16	1450	107.7	.212	.010	3.700	.110		1.170		101.00	25.00			605.
76 3 17	1450	84.6	.104	.020	3.700	.110		.683		47.30	27.00			641.
76 3 18	1450	86.0	.094	.030	3.400	.170		.683		40.60	33.00			673.
76 3 19	1450	94.0	.095	.010	3.300	.110		.635		49.70	28.00			663.
76 3 21	1450	121.0	.129	.010	3.300	.090		.865		67.20	28.00			656.
76 3 21	1450	566.5	.164	.010	3.000	.090		.900		92.70	31.00			645.
76 3 21	2000	580.0	.181	.020	3.100	.110		1.010		89.90	26.00			649.
76 3 22	200	507.0	.367	.040	3.400	.160		.846		213.00	25.00			547.
76 3 22	800	529.0	.522	.050	3.900	.150				293.00	24.00			477.
76 3 22	1450	192.0	.481	.030	3.700	.130				316.00	23.00			468.
76 3 22	1600	580.0	.645	.050	3.800	.030				525.00	22.00			440.
76 3 22	2050	167.0	.521	.020	3.400	.080				366.00	23.00			486.
76 3 22	2200	580.0	.681	.030	3.900	.120				425.00	19.00			400.
76 3 23	400	475.0	.571	.030	4.400	.180				278.00	19.00			404.
76 3 23	1000	367.2	.490	.030	4.500	.430				155.00	19.00			415.
76 3 23	1600	276.0	.434	.030	4.600	.390				125.00	20.00			427.
76 3 23	2200	218.0	.386	.030	4.100	.250				128.00	19.00			445.
76 3 24	400	167.0	.345	.030	4.200	.490				125.00	19.00			464.
76 3 24	1000	172.0	.315	.030	4.200	.230				108.00	20.00			480.
76 3 24	1600	159.0	.301	.030	4.400	.450				105.00	20.00			495.
76 3 24	2200	155.0	.269	.030	4.300	.190				86.50	21.00			511.
76 3 25	400	145.0	.259	.030	4.300	.540				119.00	21.00			521.
76 3 25	1000	121.0	.235	.030	4.200	.420				117.00	21.00			534.
76 3 25	1600	127.6	.215	.020	4.200	.260				86.10	21.00			547.
76 3 25	2200	131.0	.193	.020	4.200	.120					22.00			559.
76 3 26	400	109.6	.178	.030	4.200	.130				98.40	22.00			572.
76 3 26	1600	100.4	.139	.020	4.100	.100				99.20	23.00			593.
76 3 27	1600	81.7	.132	.020	3.800	.310				94.00	24.00			627.
76 3 28	1600	71.5	.132	.020	3.600	.360				82.30	25.00			646.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : TYMOCHTEL CREEK

LOCATION W/CODE : NEAR CRAWFORD, OHIO

USGS NO. 04196800

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	3	29	1000	94.0	.108	.020	3.500	.080				59.60	25.00			667.
76	3	29	1530	92.4	.092	.020	3.250	.040				56.20	24.00			695.
76	3	30	1530	73.0	.092	.020	3.100	.050				56.10	25.00			705.
76	3	31	1530	63.7	.115	.020	2.900	.050				72.30	26.00			724.
76	4	1	1530	59.8	.141	.020	2.900	.110				83.00	23.00			664.
76	4	2	1530	59.8	.121	.030	3.000	.180				59.60	34.00			726.
76	4	3	1530	58.5	.092	.020	2.700	.120				41.00	26.00			717.
76	4	4	1530	84.6	.097	.020	2.400	.070				43.00	27.00			763.
76	4	5	930	71.5	.098	.010	2.300	.050				50.80	27.00			740.
76	4	5	1530	70.2	.087		2.100	.030				52.10	28.00			717.
76	4	6	1530	59.8	.083		2.000	.040				49.20	28.00			715.
76	4	7	1530	52.5	.083		1.900	.020				49.60	28.00			722.
76	4	8	1530	46.5	.085		1.900	.020				49.60	28.00			710.
76	4	9	1530	38.8	.075		1.900	.020				41.50	28.00			726.
76	4	10	1530	26.0	.057		1.800	.020				31.50	28.00			746.
76	4	11	1530	26.0	.067		1.700	.020				43.40	28.00			736.
76	4	12	930	29.8	.058		1.700	.020				28.30	29.00			759.
76	4	12	1530	29.8	.065	.010	1.300	.190				27.40	28.00			752.
76	4	13	1530	26.0	.057		1.000	.360				20.10	29.00			781.
76	4	14	1530	26.0	.055		.900	.310				14.50	28.00			799.
76	4	15	1530	27.0	.065		.700	.260				31.30	28.00			782.
76	4	16	1530	28.0	.084		.500	.260				14.60	28.00			780.
76	4	17	1530	32.0	.075		.300	.210				23.00	28.00			776.
76	4	18	1530	26.0	.072		.100	.150				15.90	29.00			823.
76	4	19	930	26.0	.087		.100	.210				26.50	29.00			820.
76	4	19	1550	29.8	.049	.040	.200	.200				32.00	34.00			807.
76	4	20	1550	32.7	.053	.040	.100	.260				22.80	34.00			805.
76	4	21	1550	34.6	.071	.040	.200	.200				37.30	34.00			816.
76	4	22	1550	26.0	.053	.040	.100	.180				29.30	34.00			828.
76	4	23	1550	35.5	.057	.030	.100	.260				25.10	35.00			857.
76	4	24	1550	36.6	.069	.030		.070				25.20	35.00			873.
76	4	25	1550	51.3	.160	.030	.100	.070				45.00	46.00			886.
76	4	26	950	70.2	.139	.030	.400	.070				69.80	35.00			845.
76	5	11	1555	32.7	.092		1.900	1.000				31.80	37.00			775.
76	5	11	1555	25.2	.087		1.400	1.000				35.30	36.00			790.
76	5	12	1555	20.2	.074		.800	1.000				28.00	35.00			778.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : TYMOCHTEE CREEK

LOCATION W/CODE : NEAR CRAWFORD, OHIO USGS NO. 04196800

SAMPLIN DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 5 13	1555	2.6	.285		.500	.260				38.30	36.00			790.
76 5 14	1555	16.9	.390		.300	1.000				34.60	37.00			817.
76 5 15	1555	18.5	.094		.200	.220				38.90	36.00			858.
76 5 16	1555	2.8	.127		.200	.650				58.60	37.00			853.
76 5 17	955	36.6	.136		.300	.210				36.50	43.00			816.
76 5 17	1550	35.5	.102	.030	.500	.260				34.70	35.00			810.
76 5 18	1550	65.0	.215	.070	14.400	.240				72.00	36.00			776.
76 5 19	1550	36.6	.148	.050	13.000	.350				37.90	36.00			761.
76 5 20	1550	32.7	.122	.020	9.300	.200				46.00	35.00			782.
76 5 21	1550	29.8	.097	.010	5.200	.150				37.50	38.00			815.
76 5 22	1550	25.2	.104	.010	2.200	.160				24.20	37.00			835.
76 5 23	1550	17.7	.091		2.000	.120				42.50	38.00			853.
76 5 24	950	16.9	.169		2.600	.090					37.00			
76 5 24	1700	2.9	.074	.010	2.500	.150				42.50	36.00			846.
76 5 25	1700	15.4	.067		1.900	.160				39.00	36.00			859.
76 5 26	1700	12.3	.040		1.000	.240				25.30	36.00			878.
76 5 27	1700	2.8	.051		.760	.320				27.30	36.00			877.
76 5 28	1700	9.2	.084		.340	.610				35.40	37.00			880.
76 5 29	1700	10.7	.086		.330	.300				40.40	37.00			903.
76 5 3	1700	9.2	.076		.190	.220				30.50	36.00			913.
76 5 31	1100	2.8	.082		.250	.280				49.10	38.00			912.
76 5 31	1640	2.8	.076	.020	4.050	.090					36.00			889.
76 5 31	2240	2.8	.042	.010	1.830	.160					36.00			892.
76 6 1	440	10.7	.088	.020	2.240	.070					37.00			900.
76 6 1	1040	2.8	.120	.030	2.240	.050					36.00			893.
76 6 1	1640	26.4	.094	.030	2.195	.040					39.00			896.
76 6 1	2240	71.5	.124	.030	2.280	.160					37.00			907.
76 6 2	440	144.1	.170	.050	10.300	.050					38.00			885.
76 6 2	1040	226.4	.143	.040	9.040	.190					37.00			832.
76 6 2	1640	226.4	.250	.050	20.000	.230					34.00			706.
76 6 2	2240	237.6	.220	.050	20.000	.300					32.00			704.
76 6 3	440	246.9	.183	.050	20.000	.090					34.00			738.
76 6 3	1040	220.0	.151	.030	17.800	.190					36.00			725.
76 6 3	2240	189.5	.163	.040	19.200	.260					35.00			712.
76 6 4	440	159.8	.155	.050	19.900	.070					35.00			724.
76 6 4	1040	134.2	.164	.040	19.800	.190					36.00			759.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN & SANDUSKY RIVER

STREAM : TYMOCHTEE CREEK

LOCATION W/CODE : NEAR CRAWFORD, OHIO USGS NO. 04196800

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	6	4	1640	109.6	.158	.040	20.000	.100					36.00			771.
76	6	4	2240	92.4	.164	.030	20.000	.280					36.00			776.
76	6	5	44	71.5	.151	.030	20.000	.070					35.00			779.
76	6	5	1240	73.0	.161	.030	20.000	.080					35.00			784.
76	6	5	1640	58.5	.156	.030	20.000	.030					35.00			784.
76	6	5	2240	46.5	.151	.020	20.000	.130					35.00			792.
76	6	6	440	50.1	.141	.020	20.000	.040					36.00			795.
76	6	6	1040	45.4	.144	.020	20.000	.090					36.00			793.
76	6	6	1640	39.9	.139	.020	20.000	.030					35.00			792.
76	6	6	2240	38.8	.145	.010	19.900	.060					35.00			798.
76	6	7	440	32.0	.147	.010	19.900	.030					36.00			789.
76	6	7	1040	32.7	.142	.010	19.700	.030					35.00			787.
76	6	7	1900	28.9	.098	.040	18.400	.040				54.80	36.00			805.
76	6	8	100	17.7	.121	.040	18.300	.040				75.90	37.00			806.
76	6	8	700	23.5	.046	.040	18.200	.020				72.70	37.00			811.
76	6	8	1300	21.9	.127	.040	18.100	.020				80.20	37.00			810.
76	6	8	1900	17.7	.106	.040	18.000	.060				47.40	37.00			811.
76	6	9	100	17.7	.101	.040	17.800	.310				49.40	37.00			821.
76	6	9	700	18.5	.120	.040	17.600	.170				63.40	37.00			822.
76	6	9	1300	20.0	.103	.040	17.600	.050				46.90	37.00			818.
76	6	9	1900	16.9	.101	.020	17.500	.070				54.60	37.00			815.
76	6	10	100	15.0	.095	.020	17.400	.240				45.50	37.00			816.
76	6	10	700	15.4	.099	.030	16.700	.140				53.00	37.00			821.
76	6	10	1300	13.1	.117	.030	16.600	.200				61.60	37.00			822.
76	6	10	1900	13.8	.100	.030	16.200	.160				47.80	37.00			825.
76	6	11	1900	14.0	.096	.020	15.200	.160				49.30	37.00			824.
76	6	12	1900	11.5	.102	.010	13.900	.130				60.20	40.00			825.
76	6	13	1900	2.8	.082	.010	12.600	.150				41.30	37.00			819.
76	6	14	1300	7.1	.108	.010	11.800	.080				53.80	37.00			843.
76	6	14	2157	5.7	.072	.010	10.800	.020				61.50	38.00			797.
76	6	15	1557	15.4	.091	.010	8.500	.030				77.10	37.00			818.
76	6	16	1557	21.0	.094		7.900	.010				69.70	37.00			829.
76	6	17	1557	16.5	.083		6.500	.050				47.40	38.00			854.
76	6	18	1557	13.9	.071	.010	4.500	.100				38.10	37.00			802.
76	6	19	1557	14.0	.081	.010	2.600	.150				39.40	37.00			758.
76	6	20	1557	139.8	.106	.010	1.900	.100				50.20	36.00			822.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : TYMOCHTEE CREEK

LOCATION W/CODE : NEAR CRAWFORD, OHIO USGS NO. 04196800

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	6	21	957	249.0	.185	.030	13.300	.010				174.00	30.00			640.
76	6	21	1550	192.0	.356	.060	20.000	.030		2.290		261.00	31.00			579.
76	6	21	2150	174.5	.313	.050	20.000	.010		1.500		193.00	28.00			603.
76	6	22	350	121.0	.265	.050	20.000	.010		2.100		150.00	28.00			630.
76	6	22	950	119.1	.259	.050	20.000	.050		1.500		164.00	29.00			643.
76	6	22	1550	100.4	.235	.050	20.000	.020		2.530		124.00	29.00			653.
76	6	22	2150	121.0	.221	.050	20.000	.020		1.830		129.00	31.00			660.
76	6	23	350	71.5	.209	.040	20.000	.030		1.690		104.00	30.00			671.
76	6	23	950	63.7	.230	.040	20.000			2.170		133.00	30.00			687.
76	6	23	1550	35.5	.192	.040	20.000	.080		2.840		92.70	30.00			692.
76	6	23	2150	52.5	.173	.040	20.000	.010		1.420		78.10	30.00			703.
76	6	24	350	47.7	.171	.040	20.000	.050		1.020		85.70	30.00			709.
76	6	24	950	45.4	.175	.040	20.000	.030		2.620		95.00	30.00			713.
76	6	24	1550	45.4	.211	.050	18.600	.060		1.330		87.40	34.00			684.
76	6	24	2150	41.0	.190	.040	19.600	.020		2.020		95.90	33.00			719.
76	6	25	350	35.5	.177	.020	19.000	.020		2.650		91.80	31.00			726.
76	6	25	950	36.6	.165	.050	18.100	.030		1.500		86.70	31.00			734.
76	6	25	1550	45.4	.153		17.200	.030		1.710		76.00	31.00			734.
76	6	25	2150	71.5	.182	.010	16.700	.030		1.660		117.00	31.00			747.
76	6	26	350	143.0	.176	.010	16.300	.070		1.500		91.60	31.00			739.
76	6	26	950	218.0	.200	.040	17.600	.050		1.330		106.00	32.00			725.
76	6	26	1550	218.0	.238	.040	13.700	.070		2.890		123.00	30.00			733.
76	6	26	2150	218.0	.211	.030	14.100	.010		1.470		109.00	31.00			677.
76	6	27	350	167.0	.326	.100	16.000	.160		2.840		144.00	29.00			631.
76	6	27	950	159.8	.271	.060	16.300			1.710		183.00	27.00			597.
76	6	27	1550	132.0	.248	.040	16.600			1.830		118.00	27.00			591.
76	6	27	2150	102.0	.229	.050	16.600	.010		1.300		108.00	27.00			596.
76	6	28	350	86.0	.212	.030	16.500			1.500		97.80	27.00			602.
76	6	28	950	77.3	.245	.050	17.400	.090		1.700		115.00	27.00			611.
76	6	28	1508	58.5	.240	.070	16.000					14.10	27.00			608.
76	6	29	308	46.5	.192	.040	14.500					105.00	27.00			636.
76	6	29	1508	46.5	.157	.050	15.200					80.10	29.00			673.
76	6	30	308	41.0	.188	.050	15.600					100.00	28.00			653.
76	6	30	1508	32.7	.155	.050	20.000					67.80	30.00			685.
76	7	1	308	43.2	.156	.060	13.900	.010				76.10	30.00			700.
76	7	1	1508	71.5	.180	.060	13.300					102.00	31.00			695.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : TYMOCHTEE CREEK

LOCATION W/CODE : NEAR CRAWFORD, OHIO USGS NO. 04196800

SAMPLING DAT YR	MO	DY	TIME 24 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	7	2	300	86.0	.165	.050	11.700					85.10	30.00			691.
76	7	2	1500	82.4	.208	.060	10.500					112.00	29.00			617.
76	7	3	300	75.0	.194	.040	9.200					119.00	27.00			584.
76	7	3	1500	57.3	.166	.050	8.300					79.30	30.00			691.
76	7	4	300	35.0	.142	.040	7.800					66.20	28.00			657.
76	7	4	1500	35.5	.166	.040	8.300	.010				82.80	26.00			601.
76	7	5	300	26.0	.166	.040	8.600					77.50	24.00			577.
76	7	5	900	17.7	.154	.050	8.800					75.70	24.00			580.
76	7	5	1540	21.0	.186	.060	8.600	.010				82.70	23.00			582.
76	7	5	1900	21.0	.145	.060	8.900	.010				69.10	23.00			591.
76	7	6	100	17.7	.147	.060	8.900	.020				77.60	23.00			605.
76	7	6	700	16.0	.152	.060	9.100					77.90	24.00			615.
76	7	6	1300	16.0	.125	.060	9.100					69.00	24.00			620.
76	7	6	1900	13.1	.112	.050	9.000	.030				48.70	24.00			625.
76	7	7	100	15.4	.126	.050	8.700	.020				66.00	24.00			619.
76	7	7	700	13.8	.131	.050	8.600	.020				94.60	24.00			627.
76	7	7	1300	27.0	.124	.050	8.500	.040				62.50	24.00			621.
76	7	7	1900	28.0	.111	.050	8.300	.040				66.50	24.00			630.
76	7	8	100	26.0	.130	.060	8.000	.050				63.00	24.00			618.
76	7	8	1300	78.0	.186	.080	6.000	.040				96.50	27.00			549.
76	7	8	1900	77.0	.261	.080	7.600	.030				170.00	23.00			590.
76	7	9	100	59.0	.236	.060	8.200	.060				178.00	21.00			554.
76	7	9	700	47.7	.247	.070	7.500	.050				156.00	22.00			544.
76	7	9	1300	38.0	.373	.060	7.000	.040				319.00	19.00			466.
76	7	9	1900	29.0	.546	.060	6.100	.080				457.00	14.00			364.
76	7	10	100	17.7	.401	.070	6.600	.080				261.00	15.00			413.
76	7	10	700	21.0	.289	.070	7.200	.040				142.00	18.00			479.
76	7	10	1300	20.0	.239	.070	8.000	.030				126.00	19.00			521.
76	7	10	1900	18.5	.229	.070	7.900	.040				94.30	19.00			537.
76	7	11	100	14.0	.198	.060	8.000	.040				102.00	20.00			537.
76	7	11	700	14.0	.187	.060	7.800	.030				103.00	21.00			553.
76	7	11	1300	13.1	.214	.060	7.900	.030				136.00	22.00			563.
76	7	11	1900	14.0	.209	.060	7.800	.020				107.00	22.00			585.
76	7	12	100	12.3	.161	.050	7.800	.010				78.20	23.00			602.
76	7	12	700	11.0	.178	.050	7.400					73.40	23.00			618.
76	7	12	1900	11.0	.161	.040	8.000	.030				46.20	24.00			652.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : TYMOCHTEE CREEK

LOCATION W/CODE : NEAR CRAWFORD, OHIO USGS NO. 04196800

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 7 13	700	9.2	.154	.030	7.300					79.60	24.00			656.
76 7 13	1900	7.8	.121	.030	6.800	.050				47.80	25.00			657.
76 7 14	700	7.1	.126	.030	6.500	.030				50.30	25.00			674.
76 7 14	1900	2.8	.125	.020	5.900	.100				40.60	25.00			680.
76 7 15	700	5.0	.115	.010	5.600	.040				48.90	26.00			699.
76 7 15	1900	2.8	.127		4.700	.130				74.20	26.00			678.
76 7 16	700	2.8	.101		4.600	.090				38.60	26.00			691.
76 7 16	1900	2.8	.074		3.800	.120				28.50	27.00			664.
76 7 17	700	2.6	.097		3.700	.090				36.20	27.00			691.
76 7 17	1900	.3	.084		3.100	.140				24.20	28.00			677.
76 7 18	700	2.6	.095		3.000	.090				55.70	27.00			676.
76 7 18	1900	3.5	.096		3.400	.090				34.50	28.00			673.
76 7 19	700	3.5	.093		3.900	.030				43.10	28.00			688.
76 7 19	1300	2.8	.106		3.500	.010				33.30	28.00			689.
76 7 19	1900	2.8	.085	.040	1.800	.470				31.50	27.00			689.
76 7 20	700	13.1	.096	.030	1.900	.040				53.50	28.00			668.
76 7 20	1900	2.8	.083	.030	1.200	.300				33.90	29.00			673.
76 7 21	700	2.8	.106	.020	.700	.080				61.30	30.00			691.
76 7 21	1900	9.2	.092	.010	.100	.280				35.90	30.00			716.
76 7 22	700	7.8	.094	.020	.300	.110				49.30	31.00			756.
76 7 22	1900	5.7	.088	.010	.100	.250				38.40	31.00			768.
76 7 23	700	7.8	.105	.020	.300	.090				51.30	32.00			779.
76 7 23	1900	5.7	.093	.020	.100	.160				33.80	31.00			793.
76 7 24	1900	73.0	.166	.030	.900	.030				88.10	27.00			708.
76 7 25	100	57.3	.192	.040	1.500	.080				107.00	24.00			629.
76 7 25	700	67.6	.345	.040	3.300	.040				249.00	19.00			526.
76 7 25	1300	143.0	.298	.060	3.100	.030				195.00	19.00			497.
76 7 25	1900	100.4	.364	.070	3.000	.040				220.00	14.00			446.
76 7 26	100	167.0	.281	.080	2.400	.030				139.00	18.00			498.
76 7 26	700	121.0	.259	.080	2.400	.020				154.00	19.00			497.
76 8 2	1900	2.8	.140	.090	1.800	.090				58.80	25.00			515.
76 8 3	700	7.8	.187	.090	1.800	.050				146.00	25.00			527.
76 8 3	1900	5.7	.124	.070	1.600	.090				61.30	25.00			526.
76 8 4	700	5.7	.135	.070	1.500	.110				58.40	25.00			539.
76 8 4	1900	6.4	.126	.060	1.100	.180				47.50	26.00			541.
76 8 5	700	2.8	.128	.060	1.200	.150				58.60	26.00			543.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : TYMOCHTEE CREEK

LOCATION W/CODE : NEAR CRAWFORD, OHIO USGS NO. 04196800

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 8 5	1900	2.8	.102	.060	.800	.150				41.90	26.00			538.
76 8 6	700	3.5	.106	.060	.800	.150				46.80	26.00			534.
76 8 6	1900	2.8	.101	.060	.700	.310				36.30	26.00			560.
76 8 7	700	2.8	.110	.060	.800	.140				35.20	26.00			559.
76 8 7	1900	2.8	.114	.050	.600	.190				33.40	28.00			552.
76 8 8	700	3.5	.105	.050	.600	.120				19.50	28.00			555.
76 8 8	1900	2.8	.100	.040	.300	.050				29.10	27.00			550.
76 8 9	700	3.5	.099	.040	.300	.040				30.00	27.00			560.
76 8 9	1300	2.8	.100	.040	.200	.070				34.80	27.00			567.
76 8 9	1900	2.8	.151	.080	.400	.190				51.30	27.00			553.
76 8 10	100	2.8	.151	.100	.500	.060				63.90	29.00			586.
76 8 10	700	2.8	.143	.080	.400	.020				65.30	29.00			600.
76 8 10	1300	2.8	.152	.080	.300	.060				56.10	31.00			704.
76 8 10	1900	2.8	.147	.070	.200	.180				61.50	32.00			718.
76 8 11	700	34.6	.155	.100	.500	.100				54.10	36.00			681.
76 8 11	1900	17.7	.122	.040	.100	.190				50.00	36.00			660.
76 8 12	700	17.7	.140	.090	.300	.130				64.00	35.00			728.
76 8 12	1900	16.9	.126	.040	.100	.150				54.20	33.00			729.
76 8 13	700	2.8	.151	.080	1.000	.130				73.20	33.00			687.
76 8 13	1900	13.8	.147	.070	.500	.120				56.90	31.00			627.
76 8 16	1900	2.8	.228	.170	1.200	.140				71.40	30.00			610.
76 8 17	700	17.7	.124	.090	.900	.160				50.10	29.00			563.
76 8 17	1900	26.0	.163	.090	.800	.220				60.70	28.00			546.
76 8 18	700	28.9	.147	.090	.800	.070				67.00	27.00			550.
76 8 18	1900	17.7	.137	.090	.800	.130				46.50	28.00			561.
76 8 19	700	17.7	.139	.090	.900	.150				54.60	29.00			561.
76 8 19	1900	2.8	.104	.070	.500	.200				31.30	32.00			591.
76 8 20	700	13.1	.136	.080	.600	.210				58.20	33.00			641.
76 8 20	1900	2.8	.100	.050	.100	.250				43.80	34.00			645.
76 8 21	700	2.8	.124	.050	.200	.210				45.10	34.00			670.
76 8 21	1900	2.8	.101	.040		.050				50.00	35.00			672.
76 8 22	700	5.7	.129	.040		.110				58.80	35.00			679.
76 8 22	1900	6.4	.117	.040		.070				47.40	35.00			670.
76 8 23	1300	5.0	.120	.050		.200				62.40	38.00			671.
76 8 23	1900	5.0	.115	.060	.400	.180				38.20	37.00			665.
76 8 24	1900	5.0	.103	.050	.200	.280				21.80	38.00			649.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : TYMOCHTEE CREEK

LOCATION W/CODE : NEAR CRAWFORD, OHIO USGS NO. 04196800

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	8	25	1900	2.8	.109	.050	.200	.190				30.40	38.00			629.
76	8	26	1900	2.6	.127	.050	.100	.280				30.30	38.00			621.
76	8	27	1900	1.3	.124	.040	.100	.250				27.10	38.00			628.
76	8	28	1900	1.6	.123	.030	.100	.210				30.20	37.00			635.
76	8	29	1900	2.8	.119	.020	.100	.180				21.70	38.00			645.
76	8	30	1300	2.8	.146	.020	.100	.150				43.20	36.00			620.
76	8	30	1900	2.8	.166	.087	.050	.427				30.40	36.50			620.
76	8	31	1900	2.8	.136	.082	.070	.436				30.10	36.40			649.
76	9	1	1900	5.0	.110	.063	.080	.210				20.60	35.60			656.
76	9	2	1900	2.8	.140	.067	.010	.396				37.30	35.50			645.
76	9	3	1900	2.8	.130	.063	.070	.268				31.00	35.40			658.
76	9	4	1900	2.8	.117	.037	.080	.129				29.50	34.70			671.
76	9	5	1900	2.8	.105	.032		.152				27.30	34.20			685.
76	9	6	1300	5.0	.105	.033	.060	.028				36.90	34.40			716.
76	9	6	1900	3.5	.124	.082	.270	.145				40.40	35.20		1.38	707.
76	9	7	1900	.3	.135	.074	.250	.145				47.90	35.50		1.20	752.
76	9	8	1900	1.6	.114	.067	.030	.176				31.10	35.40		.53	769.
76	9	9	1900	2.8	.091	.047	.350	.196				30.30	34.60		.96	750.
76	9	10	1900	2.8	.115	.058	.110	.132				43.80	36.00		1.70	779.
76	9	11	1900	2.8	.129	.049	.010	.132				35.70	37.10		1.23	787.
76	9	12	1900	2.6	.123	.040	.010	.044				48.40	36.30		1.47	801.
76	9	13	1300	3.5	.100	.037	.010	.017				44.10	37.10		1.32	822.
76	9	13	1900	3.5	.104	.044		.058				25.30	35.00			815.
76	9	14	100	2.8	.091	.041		.074				32.30	36.40			818.
76	9	14	700	5.0	.099	.041		.106				43.90	36.10			821.
76	9	14	1300	5.0	.120	.041		.082				53.50	36.10			828.
76	9	14	1900	5.0	.094	.047		.023				37.90	36.30			824.
76	9	15	100	5.0	.109	.037		.030				37.20	36.70			829.
76	9	15	700	2.8	.102	.029		.065				42.10	36.50			833.
76	9	15	1300	2.8	.115	.035		.013				47.70	36.30			846.
76	9	15	1900	3.5	.098	.036		.017				29.20	36.40			839.
76	9	16	100	2.8	.091	.037		.003				27.60	36.30			844.
76	9	16	700	.3	.115	.034		.021				56.60	36.30			841.
76	9	16	1300	.3	.107	.033		.014				36.40	36.40			865.
76	9	29	1915	2.8	.084	.039	.160	.091				26.90	30.50			682.
76	9	3	100	3.5	.056	.035	.070	.105				29.30	31.10			689.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : TYMOCHTEE CREEK

LOCATION W/CODE : NEAR CRAWFORD, OHIO USGS NO. 04196800

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 9 3	700	2.8	.069	.018	.080	.106				32.10	30.60			689.
76 9 3	1300	2.8	.072	.025	.030	.113				31.40	30.70			692.
76 9 3	1900	2.8	.079	.027	.020	.129				33.70	31.00			702.
76 1 1	100	2.6	.065	.025	.020	.084				27.20	30.90			694.
76 10 1	700	2.6	.065	.029	.030	.098				26.40	30.10			694.
76 10 1	1300	.3	.073	.020	.020	.074				35.90	30.50			705.
76 10 1	1900	.3	.071	.006	.020	.037				25.60	30.40			709.
76 10 2	100	2.1	.075	.008	.020	.055				26.60	30.60			707.
76 10 2	700	2.1	.063	.024	.030	.097				23.00	30.80			703.
76 10 2	1300	2.1	.085	.019	.020	.044				31.80	31.20			711.
76 10 2	1900	1.3	.063	.024	.010	.024				23.20	31.10			710.
76 10 3	100	1.3	.066	.025	.020	.044				27.80	32.10			712.
76 10 3	700	1.3	.065	.019	.020	.056				23.80	31.50			711.
76 10 3	1300	1.3	.079	.027	.020	.029				33.40	31.10			720.
76 10 3	1900	1.6	.070	.020	.010	.010				23.90	31.40			721.
76 10 4	100	1.6	.075	.019	.010	.010				23.50	31.30			720.
76 10 4	700	1.6	.073	.022	.020	.027				29.90	31.40			727.
76 10 4	1300	1.6	.083	.023	.020	.006				35.30	31.60			730.
76 10 4	1900	1.3	.077	.039		.217				23.40	39.50			721.
76 10 5	1900	1.3	.116	.033	.090	.199				20.20	36.60			749.
76 10 6	1900	.3	.118	.016	.330	.243				44.90	36.90			764.
76 10 7	1900	2.1	.076	.011	.070	.151				22.50	36.50			791.
76 10 8	1900	2.1	.064	.012	.050	.131				15.00	37.50			802.
76 10 9	1900	3.5	.061	.015	.360	.093				14.30	40.50			793.
76 10 10	1900	2.6	.054	.007	.070	.040				9.80	38.20			764.
76 10 11	1300	2.4	.068	.006	.130	.042				18.10	39.50			779.
76 10 11	1900	2.6	.075	.023	.150	.134				16.40	39.80			765.
76 10 12	1900	.3	.091	.023	.140	.134				13.10	39.40			790.
76 10 13	1900	2.1	.079	.026	.110	.148				20.90	39.50			799.
76 10 14	1900	2.1	.074	.020	.050	.101				14.60	38.40			817.
76 10 15	1900	2.1	.079	.023	.020	.124				19.50	38.40			844.
76 10 16	1900	2.6	.074	.018	.010	.102				14.80	38.20			864.
76 10 17	1900	2.6	.066	.013	.010	.056				12.50	38.00			849.
76 10 18	1300	2.8	.061	.013	.010	.028				10.80	38.60			834.
76 10 18	1900	2.4	.053	.016		.104				10.20	36.30			818.
76 10 19	1900	3.5	.056	.017	.030	.091				11.00	37.10			804.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : TYMOCHTEE CREEK

LOCATION W/CODE : NEAR CRAWFORD, OHIO USGS NO. 04196800

SAMPLING DATE YR MO DY	TIME 24 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 11 20	1900	6.4	.057	.015	.570	.078				10.40	38.30			779.
76 11 21	1900	5.0	.071	.038	.320	.061				10.10	39.90			791.
76 11 22	1900	2.8	.065	.032	.120	.044				6.60	39.30			798.
76 11 23	1900	2.8	.060	.014	.070	.072				8.30	37.70			786.
76 11 24	1900	2.8	.067	.019	.320	.023				8.60	40.10			778.
76 11 25	1300	9.2	.074	.024	.170	.034				12.80	38.90			783.
76 11 25	1900	9.2	.087	.017	.190	.082				6.60	32.60	4.61		791.
76 11 26	1900	2.6	.065	.009	.040	.055				7.70	29.90	5.00		770.
76 11 27	1900	2.8	.062	.008	.030	.038				9.40	28.10	5.26		772.
76 11 28	1900	4.8	.067		.060	.037				4.60	27.90	5.24		788.
76 11 29	1900	2.8	.067		.030	.035				6.70	28.00	5.24		818.
76 11 30	1900	9.2	.054		.350	.017				6.00	27.70	4.24		807.
76 12 31	1900	5.8	.065	.004	.140	.002				4.50	30.10	4.93		812.
76 11 1	1300	2.8	.060	.001	.090	1.000				6.10	29.60	4.83		880.
76 11 2	1300	2.6	.071	.010	.060	.056				9.00	29.00	5.26		950.
76 11 3	1300	4.1	.042	.009	.050	.040				7.50	28.40	5.23		974.
76 11 4	1300	4.1	.041	.007	.050	.020				10.20	29.10	5.68		996.
76 11 5	1300	6.4	.043	.003	.060	.047				8.90	30.10	5.59		1008.
76 11 6	1300	4.8	.041	.015	.060	.026				8.20	31.50	5.29		1002.
76 11 7	1300	3.5	.041	.011	.030	.024				8.40	31.10	5.46		980.
76 11 8	1300	3.5	.039	.010	.030	.015				11.60	36.80	5.44		964.
76 11 8	1900	2.8	.056	.023	.050	.046				9.20	35.80	4.89		952.
76 11 9	1900	2.8	.052	.019	.040	.041				8.60	34.90	4.99		962.
76 11 10	1900	3.0	.054	.018	.050	.042				11.20	34.30	5.10		962.
76 11 11	1900	4.1	.049	.017	.050	.032				6.40	34.70	5.05		957.
76 11 12	1900	2.8	.048	.017	.040	.028				4.00	35.90	5.25		1014.
76 11 13	1900	2.6	.057	.013	.040	.024				6.10	38.00	5.29		1094.
76 11 14	1900	2.3	.044	.012	.050	.026				7.20	39.60	5.34		1116.
76 11 15	1300	1.8	.043	.012	.050	.027				5.50	40.30	5.45		1146.
76 11 15	1900	1.8	.037	.006	.060	.072				8.50	38.00			1132.
76 11 16	1900	1.8	.037	.003	.050	.050				7.40	38.30			1175.
76 11 17	1900	1.6	.037	.008	.050	.114				9.60	39.20			1195.
76 11 18	1900	2.0	.035	.002	.040	.057				9.40	37.80			1218.
76 11 19	1900	3.6	.034	.005	.050	.059				8.00	37.90			1187.
76 11 20	1900	3.5	.039	.002	.030	.095				8.90	37.90			1204.
76 11 21	1900	3.5	.037	.006	.090	.038				7.70	38.30			1232.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : TYMOCHTEE CREEK

LOCATION W/CODE : NEAR CRAWFORD, OHIO

USGS NO. 04196800

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UNMO
76 11 22	1300	3.5	.035	.009	.160	.050				5.10	39.70			1228.
76 11 22	1900	3.0	.025	.025	.100	.107				8.70	42.90	7.08		1220.
76 11 23	1900	2.3	.019	.019	.020	.042				7.10	44.20	7.51		1254.
76 11 24	1900	2.3	.018	.018		.020				5.20	44.60	6.99		1287.
76 11 25	1900	2.0	.015	.015		.053				8.90	43.70	7.58		1321.
76 11 26	1900	3.0	.013	.013	.060	.035				15.10	43.40	6.61		1257.
76 11 27	1900	4.9	.045	.008	.050	.034				13.50	44.60	6.92		1207.
76 11 28	1900	5.9	.046	.007	.020	.014				7.00	44.30	6.73		1221.
76 11 29	1300	3.5	.008	.008	.060					7.10	45.80	7.83		1280.
76 12 7	900	3.3	.022	.007	.090	.052				5.80	45.20	5.64		1341.
76 12 7	1900	2.5	.057	.029	.340	.054				8.60	49.20	5.08		1352.
76 12 8	1300	2.5	.027	.019	.100	.048				7.90	47.50	6.20		1410.
76 12 9	1300	2.4	.026	.013	.040	.044				5.80	45.20	5.60		1440.
76 12 10	1300	2.3	.023	.018	.040	.048				5.60	43.80	6.57		1429.
76 12 11	1300	2.3	.023	.011	.050	.044				6.90	45.60	5.41		1448.
76 12 12	1300	2.2	.029	.008	.020	.014				7.10	43.50	5.88		1432.
76 12 13	1300	2.2	.022	.010	.020	.012				6.90	45.00	5.50		1469.
76 12 14	700	2.2	.035	.009	.010	.018				8.80	46.00	6.20		1520.
76 12 14	1300	2.2	.016	.016	.010	.076		.800		6.40	49.50	5.42	.27	1554.
76 12 15	700	2.1	.018	.011	.010	.056		.700		7.30	49.30	5.53	.28	1543.
76 12 16	700	2.1	.018	.010		.041		.400		11.60	49.10	5.34	.33	1546.
76 12 17	700	2.1	.021	.009	.010	.037		.500		8.00	51.80	5.61	.31	1560.
76 12 18	700	2.0	.022	.011	.010	.043		.600		6.30	51.90	5.68	.31	1554.
76 12 19	700	2.0	.023	.009	.010	.070		.500		9.60	51.80	5.56	.30	1559.
76 12 20	700	2.0	.032	.012	.210	.042		.600		8.90	56.70	5.43	.29	1547.
76 12 20	1300	2.0	.044	.005	.250	.024		.600		8.00	56.80	6.65		1413.
76 12 21	1300	2.0	.048	.001	.140	.032		.600		9.70	71.80	6.47		1457.
76 12 22	1300	2.0	.039	.009	.160	.027		.700		8.40	68.90	6.49		1503.
76 12 23	1300	2.0	.032		.030	.103		.600		8.20	65.00	6.80		1473.
76 12 24	1300	2.0	.026		.020	.151		.600		8.60	66.20	6.15		1516.
76 12 25	1300	2.0	.024		.020	.010		.700		7.50	64.70	5.24		1469.
76 12 26	1300	2.0	.033		.020	.019		.700		10.20	63.30	3.33		1457.
76 12 27	700	1.9	.033		.020	.007		.700		9.30	63.60	4.55		1449.
76 12 27	1900	1.9	.047	.005	.060	.036		.800		29.40	64.00	4.87		1535.
77 1 1	1900	1.9	.097	.003	.050	.031		1.190		28.20	64.60	4.17		1625.
77 1 2	1900	1.9	.068	.003	.080	.005		.640		16.10	61.70	4.81		1622.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : TYMOCHTEE CREEK

LOCATION W/CODE : NEAR CRAWFORD, OHIO USGS NO. 04196800

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	1	3	1300	1.8	.053	.003	.080	.012		.519		12.20	55.80	4.20		1599.
77	1	3	1900	1.8	.070		.030	.070				8.40	44.40			1241.
77	1	4	1900	1.8	.040	.017	.030	.034				4.20	32.90			743.
77	1	5	1900	1.8	.034	.019	.030	.045				4.70	31.00			641.
77	1	6	1900	1.8	.029	.016	.040	.037				2.60	29.20			599.
77	1	12	1900	1.7	.719	.022	.310	.638				340.00	32.90			679.
77	1	14	1300	1.7	.042	.016	.090	.082				5.90	30.60			597.
77	1	15	1300	1.7	.015	.008	.100	.037				2.40	30.70			578.
77	1	16	1300	1.6	.016	.011	.090	.037				2.00	29.90			587.
77	1	17	100	1.6	.099	.099	.090	.024				.50	29.90			589.
77	1	24	1900	1.5	.066	.013	.120	.056				8.50	44.10	2.79		661.
77	1	25	1900	1.5	.026	.004	.110	.027				4.50	42.60	2.67		627.
77	1	26	1900	1.5	.021	.003	.110	.046				4.70	42.00	2.74		622.
77	1	27	1900	1.4	.019	.001	.120	.054				6.60	43.20	1.91		751.
77	1	29	1300	1.4	.027		.120	.065				6.80	43.80	1.92		773.
77	1	31	1300	1.3	.046	.046	.120	.063				4.40	44.30	2.78		747.
77	2	3	1300	1.3	.033	.011	.120	.053				5.20	33.80	1.76		753.
77	2	4	1300	1.3	.027	.015	.170	.262				4.20	35.90	1.74		772.
77	2	5	1300	1.2	.024	.014	.140	.084				4.10	37.70	1.67		786.
77	2	6	1300	1.2	.022	.015	.160	.106				4.80	36.40	1.93		819.
77	2	7	1300	1.2	.027	.015	.150	.237				7.40	37.30	2.00		841.
77	2	8	1900	1.2	.025	.003	.160	.097				30.80	43.90	2.50		880.
77	2	9	1900	1.2	.040	.010	1.520	.358				7.30	118.00	3.09		1197.
77	2	10	1900	1.1	.100	.054	3.180	.672				9.00	167.00	3.39		1510.
77	2	11	1900	1.1	.129	.073	2.520	.401				9.70	145.00	3.48		1307.
77	2	12	1900	1.2	.086	.046	.790	.229				6.50	76.20	3.14		1010.
77	2	14	1300	2.5	.359	.127	1.380	.656				16.80	54.90	5.23		876.
77	2	14	1900	2.5	.222	.129	2.260	.613				14.40	83.90	4.47		952.
77	2	15	100	4.3	.227	.130	1.950	.610				20.70	66.80	4.22		866.
77	2	15	700	6.3	.224	.144	1.890	.518				22.00	47.90	4.25		784.
77	2	15	1300	4.3	.305	.185	1.970	.502				27.50	46.30	3.82		726.
77	2	15	1900	4.3	.270	.121	2.180	.714				28.20	52.40	4.20		739.
77	2	16	100	3.3	.345	.181	2.550	.902				34.30	57.30	4.37		805.
77	2	22	1300	2.3	.350	.206	3.320	.586		1.580		12.80	67.60	5.38		647.
77	2	22	1900	2.3	.282	.191	2.670	.454		1.890		14.10	79.90	4.29		586.
77	2	23	100	6.0	.320	.205	2.880	.547		2.430		17.00	65.90	4.77		574.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : TYMOCHTEE CREEK

LOCATION W/CODE : NEAR CRAWFORD, OHIO USGS NO. 04196800

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	2	25	700	6.0	.344	.210	2.540	.480		3.430		21.80	52.90	4.19		492.
77	2	23	1300	6.0	.352	.227	2.470	.518		3.990		21.90	60.80	4.15		495.
77	2	23	1600	6.0	.355	.222	2.290	.585		3.130		22.50	52.00	3.94		454.
77	2	23	1900	6.0	.383	.227	2.250	.452		2.760		35.40	47.70	3.82		419.
77	2	23	2200	6.0	.404	.236	2.150	.541		2.770		43.40	41.50	3.68		388.
77	2	24	100	23.0	.475	.272	2.060	.736		2.950		47.40	35.30	3.51		352.
77	2	24	400	23.0	.476	.271	2.160	.700		4.580		53.20	35.90	3.68		368.
77	2	24	700	23.0	.488	.271	2.130	.597		3.660		66.30	34.20	3.68		351.
77	2	24	1000	23.0	.510	.279	2.120	.573		3.610		73.80	34.40	3.58		341.
77	2	24	1300	23.0	.541	.276	2.140	.586		3.190		97.00	34.30	3.53		331.
77	2	24	1600	23.0	.559	.290	2.190	.555		1.950		98.30	32.40	3.64		326.
77	2	24	1900	23.0	.506	.254	2.260	.500		2.920		98.90	31.60	3.62		316.
77	2	24	2200	23.0	.477	.247	2.300	.500		3.310		93.40	31.60	3.65		314.
77	2	25	100	680.0	.453	.232	2.370	.518		2.600		84.60	31.60	3.74		310.
77	2	25	400	695.0	.442	.219	2.430	.541				85.40	31.80	3.77		306.
77	2	25	700	700.0	.426	.205	2.410	.518		2.060		91.20	30.30	3.78		291.
77	2	25	1000	1130.0	.398	.168	2.350	.475		2.040		86.70	28.80	4.43		300.
77	2	25	1300	1368.0	.359	.159	2.460	.419		1.820		77.60	29.90	4.04		294.
77	2	25	2200	1310.0	.344	.159	2.510	.362		1.790		73.30	29.40	4.69		293.
77	2	26	100	1368.0	.337	.156	2.730	.343		1.760		68.20	30.40	4.22		294.
77	2	26	400	1330.0	.323	.149	2.650	.365		1.570		62.90	29.70	4.25		295.
77	2	26	700	1092.0	.301	.139	2.720	.315		1.570		59.20	29.90	4.76		301.
77	2	26	1000	1002.0	.293	.138	2.780	.306		1.740		47.10	30.80	4.83		307.
77	2	26	1300	918.0	.289	.137	2.950	.296		1.790		45.40	31.90	5.02		313.
77	2	26	1600	790.0	.275	.131	3.030	.276		1.620		36.20	32.20	5.34		319.
77	2	26	1900	750.0	.269	.127	3.930	.293		1.680		37.60	78.30	5.43		323.
77	2	26	2200	690.0	.258	.122	3.630	.261		1.710		32.90	64.50	5.64		440.
77	2	27	100	660.0	.241	.123	3.750	.275		1.680		32.30	74.80	5.21		487.
77	2	27	400	670.0	.264	.126	3.880	.252		1.570		41.10	60.70	5.55		435.
77	2	27	700	640.0	.313	.118	4.030	.261		1.790		78.10	52.30	5.17		414.
77	2	27	1000	590.0	.35	.132	4.170	.257		2.070		83.70	38.00	5.79		359.
77	2	27	1300	554.0	.343	.137	4.360	.288		1.540		80.40	38.70	5.78		365.
77	2	27	1600	514.0	.317	.124	4.460	.244		1.760		54.90	43.40	5.62		384.
77	2	27	1900	490.0	.321	.134	4.500	.279		1.960		49.90	40.30	6.03		385.
77	2	27	2200	490.0	.317	.139	4.520	.303		1.880		48.80	44.20	5.77		393.
77	2	28	100	474.0	.306	.130	4.560	.316		1.740		40.90	43.70	6.59		397.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : TYMOCHTEE CREEK

LOCATION W/CODE : NEAR CRAWFORD, OHIO USGS NO. 04196800

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	2	28	400	482.0	.296	.125	4.570	.265		1.710		46.20	43.20	5.44		400.
77	2	28	700	514.0	.297	.120	4.700	.247		1.600		71.20	42.50	5.82		395.
77	2	28	1000	478.0	.303	.119	5.020	.241		1.760		67.90	43.70	6.52		400.
77	2	28	1300	390.0	.283	.116	5.050	.224		1.820		52.40	43.80	5.91		408.
77	2	28	1900	354.0	.252	.117	5.770	.348		1.860		29.30	41.80	5.38		430.
77	3	1	1900	215.0	.214	.098	5.600	.306		1.460		21.40	43.30	5.64	2.30	441.
77	3	2	1900	114.0	.183	.093	5.640	.301		1.630		32.10	44.10	5.76	1.70	499.
77	3	3	1900	79.2	.167	.089	5.500	.279		1.460		8.50	45.00	6.87	1.40	530.
77	3	4	1900	203.0	.251	.097	6.380	.303		1.810		46.00	62.30	5.76	4.10	548.
77	3	5	1900	378.0	.280	.115	6.950	.405		2.120		65.00	45.50	5.76	4.50	475.
77	3	6	1900	378.0	.236	.085	7.470	.279		1.880		43.00	46.20	5.98	4.10	474.
77	3	8	100	200.0	.169	.059	6.870	.233				27.50	49.80	7.20		504.
77	3	8	1900	98.8	.141	.055	6.770	.260				25.20	50.80	7.76		553.
77	3	9	1900	65.5	.130	.050	6.870	.212				23.20	49.90	7.60		589.
77	3	10	1900	51.9	.118	.051	6.600	.201				20.70	50.40	7.75		631.
77	3	11	1900	49.3	.109	.023	6.110	.176				21.00	50.80	7.18		668.
77	3	12	1900	55.8	.116	.034	6.350	.101				26.10	82.80	7.14		795.
77	3	13	1900	172.5	.163	.044	6.010	.158				29.00	50.20	7.09		641.
77	3	14	1300	338.0	.187	.050	6.380	.086				56.70	51.50	7.67		624.
77	3	14	1900	346.0	.169	.047	5.390	.073				85.40	52.80	8.33	4.30	608.
77	3	15	1900	382.5	.155	.045	7.750	.054				65.70	52.40	8.93	3.40	574.
77	3	16	1900	102.8	.134	.041	7.650	.084				59.50	52.70	9.04	2.80	613.
77	3	17	1900	65.5	.115	.033	7.070	.042				34.20	52.30	8.86	2.50	646.
77	3	18	100	64.0	.120	.044	6.730	.086				38.30	70.00	8.12	2.20	689.
77	3	18	700	122.0	.133	.054	6.320	.050				41.70	62.00	7.77	2.70	645.
77	3	18	1300	312.5	.350	.082	6.990	.099				184.00	46.90	7.78	10.90	505.
77	3	18	1600	378.0	.383	.083	7.310	.075				184.00	43.90	7.05	11.70	488.
77	3	18	1900	434.0	.505	.194	7.370	.290				171.00	44.60	7.03	11.10	490.
77	3	18	2200	502.0	.544	.163	7.130	.177				144.00	47.80	7.37	9.20	507.
77	3	19	100	562.0	.504	.110	7.070	.213				182.00	48.50	7.71	11.40	496.
77	3	19	400	630.0	.569	.105	7.020	.179				281.00	41.00	7.30	18.20	435.
77	3	19	700	675.0	.543	.097	7.320	.242				288.00	40.30	6.45	17.20	438.
77	3	19	1000	715.0	.509	.061	7.340	.176				272.00	39.80	6.77	17.30	441.
77	3	19	1300	750.0	.478	.048	7.010	.206				286.00	39.60	7.03	17.10	437.
77	3	19	1600	765.0	.474	.046	6.840	.188				261.00	39.30	6.74	16.20	439.
77	3	19	2200	805.0	.507	.080	6.790	.175				240.00	37.90	8.31	13.90	410.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : TYMOCHTEE CREEK

LOCATION W/CODE : NEAR CRAWFORD, OHIO USGS NO. 04196800

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	3	20	100	828.0	.515	.058	7.020	.170				225.00	37.30	7.19	14.70	396.
77	3	21	400	852.0	.525	.047	7.270	.134				224.00	36.00	7.11	15.30	387.
77	3	21	700	876.0	.513	.049	7.460	.136				265.00	36.10	7.86	14.90	382.
77	3	21	1000	900.0	.490	.047	7.530	.128				210.00	35.40	8.01	13.90	381.
77	3	21	1300	912.0	.468	.042	7.770	.116				195.00	35.30	7.85	13.30	383.
77	3	21	1600	936.0	.431	.040	7.990	.134				185.00	35.30	7.38	11.90	381.
77	3	21	1900	954.0	.401	.042	8.230	.154				168.00	36.00	7.37	10.60	391.
77	3	21	2200	954.0	.368	.034	8.230	.103				125.00	35.80	7.37	9.30	399.
77	3	21	100	948.0	.329	.027	8.210	.110				110.00	35.70	6.72	8.30	409.
77	3	21	400	918.0	.295	.024	8.440	.106				116.00	36.90	8.81	7.20	419.
77	3	21	700	870.0	.274	.028	8.480	.373				93.50	37.40	7.17	6.40	432.
77	3	21	1000	795.0	.251	.031	8.200	.120				78.30	36.90	7.56	5.70	436.
77	3	21	2200	522.0	.194	.031	8.090	.082				63.80	38.90	11.10	4.00	475.
77	3	22	1000	466.0	.204	.022	7.670	.060				64.60	41.80	8.49	4.40	497.
77	3	22	2200	574.0	.227	.026	7.610	.103				66.30	42.10	7.06	4.90	486.
77	3	23	700	685.0	.298	.028	7.390	.086				104.00	37.80	7.00	7.30	450.
77	3	23	1400	775.0	.278	.040	7.540	.095				94.10	32.10	7.00	8.20	447.
77	3	23	1900	805.0	.278	.045	7.490	.054				89.90	32.80	7.26	8.10	448.
77	3	23	2200	828.0	.275	.044	7.560	.105				96.50	37.00	8.18	8.10	441.
77	3	24	100	840.0	.229	.041	7.730	.107				63.10	35.50	7.69	6.10	436.
77	3	24	400	852.0	.207	.041	8.030	.080				52.10	33.10	8.19	5.50	448.
77	3	24	700	858.0	.196	.053	8.010	.072				40.00	33.40	8.42	4.90	457.
77	3	24	1000	846.0	.187	.047	7.980	.078				43.40	33.50	7.21	4.70	472.
77	3	26	1130	227.0	.147	.044	7.450	.108				46.70	36.40	7.23	3.00	543.
77	3	26	2330	180.0	.131	.044	7.330	.096				39.80	36.90	7.27	2.90	565.
77	3	27	1130	148.0	.121	.049	7.260	.438				35.10	36.90	6.63	2.60	589.
77	3	27	2330	138.0	.138	.051	7.290	.190				41.00	49.50	6.58	2.70	665.
77	3	28	1130	245.0	.195	.050	7.090	.109				69.30	43.50	6.69	4.80	601.
77	3	28	1600	305.0	.252	.063	6.880	.100				80.60	39.20	8.35	5.30	552.
77	3	29	400	422.0	.247	.067	7.050	.053				105.00	33.70	6.97	5.80	521.
77	3	29	1600	498.0	.230	.059	7.120	.055				92.00	33.10	8.75	5.60	521.
77	3	30	400	510.0	.181	.040	6.570	.116				89.30	33.30	8.14	4.70	585.
77	3	30	1600	418.0	.220	.060	6.740	.110				79.80	32.70	8.65	5.10	502.
77	3	31	400	291.5	.185	.046	6.840	.095				77.80	33.00	8.40	4.40	528.
77	3	31	1600	209.0	.155	.039	6.620	.042				66.90	33.50	7.08	3.60	557.
77	4	1	100	170.0	.153	.037	6.550	.151				59.20	34.40	8.83	3.30	580.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : TYMOCHTEE CREEK

LOCATION W/CODE : NEAR CRAWFORD, OHIO USGS NO. 04196800

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	4	3	1420	1002.0	.876	.095	5.810	.192				433.00	15.30	6.17	27.10	372.
77	4	3	1900	1080.0	1.010	.093	5.420	.331				442.00	14.10	5.95	33.50	341.
77	4	4	100	1166.0	.849	.094	5.610	.219				206.00	14.40	6.25	26.90	340.
77	4	4	700	1271.0	.698	.086	5.680	.103				245.00	14.10	6.46	21.40	336.
77	4	4	1300	1446.0	.651	.092	5.790	.144				236.00	14.10	6.92	19.30	334.
77	4	4	1900	1670.0	.619	.084	6.030	.137				227.00	14.10	7.43	18.10	331.
77	4	5	100	1766.0	.579	.070	6.250	.157				196.00	14.10	7.57	16.80	330.
77	4	5	700	1702.0	.528	.075	6.430	.357				144.00	14.60	7.80	14.60	338.
77	4	5	1300	1518.0	.424	.073	6.570	.322				108.00	15.60	7.95	11.40	361.
77	4	5	1900	1313.0	.364	.074	6.600	.053				91.20	16.80	8.16	9.70	372.
77	4	6	100	1098.0	.317	.066	6.540	.173				52.40	18.00	8.04	8.00	402.
77	4	6	700	882.0	.278	.065	6.430	.217				73.00	19.10	7.98	6.90	425.
77	4	6	1300	690.0	.256	.062	6.270	.056				70.20	21.80	7.94	6.20	451.
77	4	7	1300	394.0	.195	.055	5.790	.164				51.00	22.20	7.68	4.10	489.
77	4	8	1300	260.0	.156	.041	5.320	.198				45.70	22.20	7.02	3.10	534.
77	4	9	1300	192.6	.126	.035	5.040	.364				31.60	23.00	6.48	2.30	563.
77	4	10	700	144.0	.115	.036	4.820	.092				32.60	24.00	5.94	2.00	593.
77	4	11	1900	95.6	.122	.022	4.550	.082				58.30	26.50	6.12	2.30	630.
77	4	12	1900	79.2	.107	.024	4.790	.067				55.50	24.90	7.90	2.20	664.
77	4	13	1900	78.0	.108	.024	4.680	.051				53.50	30.70	7.16	2.30	678.
77	4	14	1400	60.0	.109	.014	4.380	.090				53.60	27.50	6.97	2.30	693.
77	4	15	1900	50.0	.101	.003	3.920	.059				50.90	34.20	5.62	2.20	708.
77	4	16	1900	43.0	.088		3.310	.062				38.40	32.50	5.02	1.70	685.
77	4	17	1900	35.0	.087		2.790	.028				35.30	33.20	4.53	1.30	727.
77	4	18	1300	33.0	.108		2.620	.020				47.30	34.10	3.78	1.80	
77	4	18	1900	33.0	.069	.001	2.600	.103				43.70	35.80		.80	736.
77	4	19	1900	33.0	.060		2.330	.037				48.40	35.20		.70	762.
77	4	21	700	33.0	.078		1.430	.300				42.40	36.10		.90	746.
77	4	21	1900	34.0	.092		1.790	.067				60.30	36.00		1.40	796.
77	4	22	1900	32.0	.104		1.450	.130				56.90	36.20		1.80	815.
77	4	24	700	130.0	.115		1.470	.117				49.20	45.60		1.70	804.
77	4	25	1300	105.0	.095		1.540	.100				71.50	36.30		1.80	775.
77	4	25	1900	182.6	.099	.041	4.330	.079				70.40	35.00	4.75	1.10	678.
77	4	26	1900	152.6	.085	.040	5.650	.092				42.20	34.70	6.03	.70	634.
77	4	27	1900	165.0	.105	.035	6.080	.134				59.30	33.80	6.36	1.60	623.
77	4	28	1900	155.0	.118	.031	6.140	.060				46.50	34.70	6.48	2.40	646.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : TYMOCHTEE CREEK

LOCATION W/CODE : NEAR CRAWFORD, OHIO USGS NO. 04196800

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	4	29	1900	124.0	.104	.035	5.340	.060				53.60	34.30	5.02	2.10	655.
77	4	30	1900	134.0	.113	.029	4.600	.052				40.20	38.60	4.22	2.20	685.
77	5	2	1900	85.6	.107	.038	3.990	.076				46.30	34.70	3.95	2.30	634.
77	5	3	1900	76.0	.105	.029	3.780	.069				62.00	34.90	3.69	2.30	649.
77	5	4	1900	323.0	.188	.057	7.990	.156				69.20	38.30	4.91	3.80	599.
77	5	5	100	466.0	.178	.071	7.330	.126				96.90	33.20	4.91	3.10	567.
77	5	5	700	558.0	.354	.079	8.090	.171				147.00	26.00	5.61	8.70	475.
77	5	5	1300	640.0	.339	.081	10.500	.180				147.00	30.70	6.59	7.70	504.
77	5	5	1900	735.0	.263	.072	8.090	.096				149.00	27.70	6.25	6.10	496.
77	5	6	100	790.0	.254	.078	9.110	.138				158.00	26.90	7.00	5.60	464.
77	5	6	700	810.0	.333	.082	10.100	.110				124.00	25.90	7.80	7.90	451.
77	5	6	1300	790.0	.202	.082	10.400	.585				135.00	26.10	8.25	5.20	459.
77	5	6	1900	705.0	.257	.076	10.100	.140				85.40	25.90	8.39	5.20	472.
77	5	7	100	578.0	.206	.069	9.790	.159				74.90	26.60	8.58	3.90	484.
77	5	7	700	470.0	.209	.072	9.570	.126				40.80	27.90	8.84	3.90	510.
77	5	7	1300	378.0	.196	.067	9.050	.314				52.90	28.00	8.62	3.70	526.
77	5	7	1900	312.5	.175	.052	8.900	.080				55.20	29.20	8.76	3.10	544.
77	5	8	1900	185.0	.128	.054	7.370	.113				61.40	29.00	8.02	1.90	588.
77	5	14	700	38.1	.040	.024	4.290	.012				55.10	31.60	6.23	.50	730.
77	5	15	700	33.0	.095	.015	4.030					45.40	32.20	6.27	1.20	752.
77	5	16	700	31.0	.093	.011	3.780					42.50	32.50	5.36	1.90	764.
77	5	16	1300	30.0	.093	.024	3.660					28.90	32.10	4.91	1.50	758.
77	5	16	1900	28.0	.079		3.310	.137				46.40	39.60	2.81	1.00	752.
77	5	17	1900	23.4	.057		3.030	.184				46.90	37.30	2.04	.70	754.
77	5	18	1900	21.6	.068		2.590	.197				51.40	38.60	1.47	.90	747.
77	5	19	1900	27.0	.072		2.310	.251				50.80	39.40	1.23	.90	757.
77	5	20	1900	30.0	.093		2.070	.191				57.00	40.00	1.34	1.50	763.
77	5	21	1900	18.9	.093		2.000	.168				46.50	39.30	1.48	1.60	803.
77	5	23	1900	12.3	.103	.072	1.550	.073		.870		35.10	37.10	2.51	1.70	754.
77	5	24	1900	9.8	.106	.066	1.270	.098				53.70	37.30	2.51	2.00	762.
77	5	25	1900	8.6	.106	.040	1.030	.112				44.00	37.30	2.13	1.80	778.
77	5	26	1900	9.8	.109	.030	.850	.142				60.10	37.80	2.71	2.00	796.
77	5	27	1900	9.2	.102	.030	.780	.142				53.00	38.50	2.82	1.80	824.
77	5	28	1900	8.6	.094	.037	.660	.156				44.90	38.70	2.91	1.70	847.
77	5	29	1900	7.5	.091	.015	.440	.102				46.20	39.70	3.31	1.60	871.
77	5	30	1300	7.5	.120	.014	.550	.080		1.290		49.30	39.00	3.65	2.00	887.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : TYMOCHTEE CREEK

LOCATION W/CODE : NEAR CRAWFORD, OHIO USGS NO. 04196800

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 5 31	1900	6.3	.119	.027	.650	.204		1.100		31.10	35.90	4.07	2.10	870.
77 6 1	1900	5.2	.095	.016	.470	.194				15.60	35.00	4.40	1.60	858.
77 6 2	1900	4.6	.080	.010	.370	.208				24.40	34.70	5.08	1.30	859.
77 6 3	1900	3.7	.079	.017	.440	.207				22.00	34.60	4.38	1.00	865.
77 6 4	1900	3.4	.091		.250	.163				29.00	35.70	4.03	1.30	865.
77 6 5	1900	5.2	.092	.010	.350	.085				20.80	36.10	4.97	1.00	860.
77 6 6	1300	5.7	.118	.016	.420	.068		1.300		36.70	36.20	4.09	1.60	878.
77 6 6	1900	4.6	.117	.044	.590	.188		1.060		48.70	38.60	5.17	1.40	877.
77 6 7	1900	3.7	.085	.023	.240	.160				34.60	38.40	5.02	1.00	887.
77 6 8	1900	4.6	.098	.028	.470	.152				32.90	38.40	4.40	1.30	895.
77 6 9	1900	7.5	.104	.021	.330	.168				39.50	39.70	4.00	1.40	912.
77 6 10	1900	5.2	.090	.022	.470	.102				36.30	39.50	3.82	.90	952.
77 6 11	1900	7.5	.118	.030	.600	.149				49.20	39.90	3.78	1.30	980.
77 6 12	1900	29.7	.113	.033	1.080	.099				43.80	40.50	4.19	1.30	960.
77 6 13	1300	18.0	.109	.020	.470	.063		.830		44.50	40.10	4.50	1.90	982.
77 6 14	100	14.7	.215	.048	.800	.108		.880		30.40	41.50	4.87	1.00	924.
77 6 14	1900	10.6	.085	.058	1.210	.153				20.50	41.50	4.38	1.20	953.
77 6 15	1900	8.6	.077	.038	.540	.205				34.40	41.30	4.73	1.40	932.
77 6 16	1900	6.9	.102	.044	.760	.207				46.80	41.70	4.30	1.80	929.
77 6 17	1900	48.0	.294	.050	5.420	.103				178.00	35.10	4.59	8.00	778.
77 6 18	1900	12.3	.158	.023	8.870	.142		1.810		97.90	36.00	4.19	4.20	754.
77 6 20	1900	5.2	.118	.064	6.560	.267				91.60	38.50	3.34	1.50	777.
77 6 21	1900	3.7	.124		4.390	.502				65.70	41.40	2.57	1.80	807.
77 6 22	1900	3.7	.127	.045	4.220	.278				60.20	37.90	3.02	1.60	831.
77 6 23	1900	3.1	.148	.042	2.640	.268				70.90	38.30	1.78	1.80	838.
77 6 24	1900	2.6	.117	.106	1.810	.299				47.20	40.50	1.74	1.30	832.
77 6 25	1900	2.6	.100	.061	1.170	.168				35.10	40.00	2.20	.80	837.
77 6 27	1900	1.7	.153	.024	1.640	.183				319.00	39.10	2.49	1.80	830.
77 6 28	100	1.7	.117	.010	.610	.035				58.00	39.90	2.73	1.80	829.
77 6 28	700	2.3	.129		.760	.155				69.50	39.80	1.53	2.20	845.
77 6 28	1300	2.3	.133		.590	.077				66.40	39.70	2.04	2.10	843.
77 6 28	1900	2.6	.108		.640	2.000				40.60	39.90	1.53	1.40	834.
77 6 29	100	3.7	.154		1.550	.089				54.40	39.00	2.59	1.70	809.
77 6 29	700	3.7	.128	.027	.630	.060				76.40	39.70	2.51	2.10	820.
77 6 29	1300	3.4	.135	.028	.460	.103				383.00	42.80	3.48	2.00	838.
77 6 29	1900	3.4	.128		.520	.066				62.40	42.40	3.00	1.70	830.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : TYMOCHTEE CREEK

LOCATION #/CODE : NEAR CRAWFORD, OHIO USGS NO. 04196800

SAMPLE DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	6	30	100	3.1	.100		.370	.161				49.70	42.30	2.52	1.50	819.
77	6	30	700	3.1	.123	.013	.590	.293				63.20	41.90	2.77	2.10	831.
77	6	30	1300	2.8	.152	.024	.460	.124				82.60	41.90	3.58	2.20	841.
77	6	30	1900	2.8	.149	.023	.310	.856				70.20	41.20	2.34	2.00	834.
77	7	1	1900	558.0	.853	.059	14.800	.168				791.00	23.90	6.39	31.50	431.
77	7	2	100	466.0	.620	.064	14.800	.066				507.00	27.10	8.25	21.90	519.
77	7	2	700	378.0	.509	.040	9.800	.077				717.00	30.90	7.19	18.20	587.
77	7	2	1300	362.0	.682	.050	12.500	.038				611.00	29.90	7.67	25.50	491.
77	7	2	1900	366.0	.631	.025	13.400	.031				469.00	27.80	8.01	21.90	468.
77	7	3	100	342.0	.541	.045	13.600	.601				365.00	25.80	7.51	18.40	471.
77	7	3	700	291.5	.489	.055	13.600	.056				311.00	28.10	7.98	16.30	484.
77	7	3	1300	342.0	.459	.050	13.600	.478				298.00	27.80	8.07	15.00	501.
77	7	4	100	140.0	.418	.044	13.600	1.480				286.00	27.30	8.80	13.20	516.
77	7	4	1300	92.0		.059	14.200	.018		2.010		276.00	24.70	9.82	11.60	503.
77	7	4	1900	74.5		.044	13.600	.021				189.00	27.80	10.60	9.90	519.
77	7	5	100	62.5		.046	13.900	.013				96.90	28.60	10.70	9.50	533.
77	7	5	700	54.5		.040	14.200	.044				115.00	27.00	10.00	9.40	543.
77	7	5	1300	48.0		.084	13.500	.040				119.00	27.90	10.40	8.50	553.
77	7	5	1900	45.8		.056	14.400	.028				76.10	26.40	10.30	8.70	562.
77	7	6	100	43.6		.063	14.200	.025				64.60	26.50	9.60	7.90	574.
77	7	6	700	39.2		.078	14.300	.041				141.00	26.20	10.60	7.60	581.
77	7	6	1300	34.0		.086	14.300	.022		2.060		162.00	26.20	9.53	6.50	584.
77	7	11	1300	8.1	.148	.035	4.240	.140				63.70	39.90	9.81	2.50	683.
77	7	12	1300	7.5	.131	.023	4.340	.124				39.40	36.50	10.38	1.90	679.
77	7	13	1300	5.7	.118	.010	3.630	.103				49.30	34.40	9.63	2.00	684.
77	7	14	1300	6.3	.239	.010	2.960	.086				204.80	35.50	9.79	6.00	675.
77	7	15	1300	5.2	.121		2.370	.059				59.70	35.00	9.57	2.10	687.
77	7	16	700	4.0	.118		2.010	.032				60.70	34.90	8.84	2.20	674.
77	7	22	1900	41.4	.147	.027	.720	.130				60.30	33.70	7.54	2.20	718.
77	7	23	100	30.0	.156	.032	1.090	.095				73.60	26.90	4.80	3.10	717.
77	7	23	700	21.6	.161	.033	.340	.179				84.70	33.90	6.92	3.80	733.
77	7	23	1300	17.2	.192	.029	.320	.084				109.00	33.20	5.39	5.40	618.
77	7	23	1900	11.4	.259	.041	2.120	.070				112.00	20.90	6.45	8.20	518.
77	7	24	100	8.6	.283	.041	2.670	.040				121.00	17.90	7.16	8.50	463.
77	7	24	700	7.5	.251	.038	2.900	.020				104.00	17.70	6.78	7.30	457.
77	7	24	1300	6.3	.247	.037	2.980	.051				129.00	17.90	8.13	7.10	469.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : TYMOCHTEE CREEK

LOCATION W/CODE : NEAR CRAWFORD, OHIO USGS NO. 04196800

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 7 24	1900	5.7	.225	.038	2.990	.052				118.00	18.40	6.69	6.10	479.
77 7 25	100	5.2	.226	.026	2.910	.052				92.50	19.60	6.66	5.40	486.
77 7 25	700	7.5	.289	.031	2.930	.109				199.00	19.00	7.24	8.20	498.
77 7 25	1300	8.1	.231	.047	2.580	.065		.883		99.20	21.80	8.37	5.60	499.
77 7 26	1300	21.6	.235	.047	2.570	.077				131.00	21.20	8.29	6.80	451.
77 7 27	1300	8.6	.193	.045	2.040	.096				124.00	23.40	7.96	5.40	495.
77 7 28	1300	5.2	.161	.035	1.850	.107				69.80	23.80	9.31	4.10	510.
77 7 29	1300	3.4	.152	.024	1.680	.073				77.80	24.40	9.75	3.90	525.
77 7 30	1300	2.8	.149	.024	1.530	.090				74.90	25.30	8.33	3.70	560.
77 7 31	1300	2.3	.140	.032	1.290	.096				55.60	25.50	5.43	2.50	576.
77 8 1	700	2.6	.140	.018	1.180	.092		1.460		75.80	25.90	8.68	2.60	598.
77 8 1	1300	2.8	.140	.045	1.200	.010				46.50	27.10	7.66	2.20	615.
77 8 2	1300	2.8	.150	.041	.980	.021				66.80	27.40	7.85	3.50	627.
77 8 3	1300	2.6	.123	.026	.690	.114				48.30	27.60	7.27	2.10	637.
77 8 4	1300	2.8	.119	.028	.420	.156				46.70	27.50	7.24	2.00	650.
77 8 5	1300	6.3	.164	.028	.690	.142				74.40	29.80	5.89	3.20	605.
77 8 6	1300	3.7	.149	.014	.200	.120				66.40	28.10	4.67	2.60	633.
77 8 7	1300	4.6	.128		.120	.086				39.60	28.90	6.02	1.90	652.
77 8 8	700	7.5	.133		.070	.012				51.30	29.80	5.47	2.10	666.
77 8 8	1300	6.9	.146	.052	.560	.025				55.50	28.70			688.
77 8 8	1900	6.3	.133	.047	.390	.115				25.10	29.50			701.
77 8 9	1300	6.3	.136	.039	.480	.084				53.20	30.70			742.
77 8 10	700	4.0	.171	.034	.390	.060				86.20	31.60			754.
77 8 10	1300	4.0	.125	.034	.380	.138				36.50	30.90			763.
77 8 11	1300	5.0	.127	.017	.230	.172				47.30	32.30			786.
77 8 12	100	8.5	.210	.167	.550	.100				103.00	36.00			638.
77 8 12	700	8.5	.225	.039	.840	.111				136.00	28.80			722.
77 8 12	1300	8.5	.286	.044	2.170	.064				177.00	23.90			628.
77 8 12	1900	8.5	.263	.038	1.470	.083				167.00	29.20			694.
77 8 13	100	11.0	.291	.052	2.020	.069				150.00	25.80			655.
77 8 13	700	11.0	.314	.052	2.360	.077				163.00	23.20			587.
77 8 13	1300	11.0	.304	.045	1.760	.071				166.00	24.20			617.
77 8 13	1900	11.0	.305	.052	1.730	.073				151.00	25.20			582.
77 8 14	100	9.6	.283	.052	1.730	.071				133.00	24.00			559.
77 8 14	700	9.6	.274	.046	1.650	.099				137.00	22.40			525.
77 8 14	1300	9.6	.271	.033	1.620	.084				118.00	21.90			507.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : TYMOCHTEE CREEK

LOCATION W/CODE : NEAR CRAWFORD, OHIO USGS NO. 04196800

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 8 14	1900	9.6	.254	.027	1.570	.050				116.00	21.20			496.
77 8 15	100	7.6	.243	.029	1.610	.087				118.00	22.00			505.
77 8 15	700	7.6	.240	.024	1.580	.077				117.00	22.20			507.

HONEY CREEK
AT
MELMORE, OHIO

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : HONEY CREEK

LOCATION #/CODE : AT MELMORE, OHIO USGS NO. 04197100

SAMPLING DATE YR	MO	DY	TIME 24TH HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	1	28	1400	360.0	.203	.110	3.300	2.000				.20	18.00			251.
76	1	28	1800	348.1	.264	.090	3.100	.300				31.00	18.00			258.
76	1	28	2400	350.4	.238	.080	3.000	.260				38.50	19.00			274.
76	1	29	600	357.5	.235	.070	3.000	.250				32.30	18.00			278.
76	1	29	1200	1083.5	.196	.110	3.200	.310				22.10	19.00			294.
76	1	29	1800	955.3	.164	.080	3.100	.240				24.50	19.00			304.
76	1	29	2400	487.2	.199	.100	3.200	.350				25.70	19.00			321.
76	1	30	600	419.7	.182	.070	3.300	.210				35.30	20.00			332.
76	1	30	1200	425.0	.177	.070	3.300	.230				16.00	20.00			349.
76	1	30	1800	343.4	.166	.120	3.300	.260				16.20	20.00			361.
76	1	30	2400	266.1	.166	.060	3.700	.220				5.80	21.00			380.
76	1	31	600	253.0	.146	.070	4.000	.220				4.00	21.00			390.
76	1	31	1200	227.7	.147	.060	4.000	.190				8.80	22.00			411.
76	1	31	1800	268.3	.138	.050	4.100	.180				9.10	23.00			424.
76	1	31	2400	259.6	.134	.050	4.000	.160				15.20	23.00			442.
76	2	1	2100	78.0	.123	.040	3.800	.180				9.70	22.00			505.
76	2	3	300	58.0	.118	.040	3.700	.170				7.50	23.00			504.
76	2	3	900	58.0	.115	.040	3.800	.170				6.10	23.00			518.
76	2	3	1500	58.0	.105	.030	3.700	.140				6.30	22.00			528.
76	2	3	2100	58.0	.114	.030	3.700	.180				9.00	21.00			533.
76	2	4	2100	46.0	.094	.030	3.700	.960				6.90	21.00			548.
76	2	5	2100	42.0	.090	.030	3.500	.130				4.30	23.00			594.
76	2	6	2100	29.0	.095	.030	3.500	.170				6.60	22.00			596.
76	2	7	2100	37.0	.087	.030	3.500	.170				5.00	22.00			619.
76	2	8	2100	35.0	.092	.020	3.300	.200				6.90	22.00			634.
76	2	9	1500	34.0	.062	.020	3.400	.170				4.50	22.00			633.
76	2	9	1800	34.0	.061	.020	3.700	.110				14.30	27.00			625.
76	2	9	2400	34.0	.057	.020	3.600	2.000				9.20	27.00			631.
76	2	10	600	110.0	.060	.030	3.300	.150				6.40	75.00			640.
76	2	10	1200	110.0	.091	.040	3.300	.160				19.20	75.00			810.
76	2	10	1800	110.0	.244	.090	2.200	2.000				68.10	29.00			410.
76	2	10	2400	110.0	.350	.160	1.500	1.300				86.50	22.00			269.
76	2	11	600	655.0	.422	.200	1.500	1.310				104.00	20.00			216.
76	2	11	1200	655.0	.432	.160	1.500	2.000				75.50	19.00			227.
76	2	11	1800	655.0	.361	.180	1.600	2.000				92.60	30.00			280.
76	2	11	2400	655.0	.341	.180	1.700	.620				59.50	26.00			263.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : HONEY CREEK

LOCATION W/CODE : AT MELMORE, OHIO USGS NO. 04197100

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	2	12	600	662.0	.309	.140	1.800	.480				55.50	25.00			255.
76	2	12	1200	662.0	.283	.140	1.900	2.000				55.50	22.00			243.
76	2	12	1800	662.0	.290	.110	2.100	2.000				43.20	20.00			235.
76	2	12	2400	662.0	.250	.080	2.200	.290				65.80	20.00			246.
76	2	13	600	690.0	.236	.070	2.300	.270				61.40	20.00			261.
76	2	13	1200	690.0	.214	.060	2.300	.520				61.30	20.00			274.
76	2	13	1800	690.0	.231	.030	2.900	.140				82.60	24.00			278.
76	2	13	2400	690.0	.187	.050	2.400	.180				50.10	20.00			288.
76	2	14	600	529.0	.164	.040	2.500	.140				37.60	20.00			298.
76	2	14	1200	529.0	.164	.040	2.600	.150				37.70	20.00			302.
76	2	14	1800	529.0	.173	.040	2.800	.100				45.10	20.00			320.
76	2	14	2400	529.0	.159	.030	3.100	.140				34.20	20.00			325.
76	2	15	600	387.0	.136	.030	3.100	2.000				31.70	20.00			336.
76	2	15	1200	387.0	.137	.030	3.100	.060				32.30	21.00			348.
76	2	15	1800	387.0	.146	.040	3.200	.240				36.40	21.00			353.
76	2	15	2400	387.0	.156	.030	3.000	.170				39.50	20.00			353.
76	2	16	600	679.3	.174	.030	3.100	.100				57.10	20.00			341.
76	2	16	1200	685.9	.183	.040	3.500	2.000				48.20	22.00			348.
76	2	16	1800	1986.0	1.240	.040	3.600	.090		2.500		771.00	17.00			260.
76	2	17	100	3721.0	1.820	.040	2.800	.190				978.00	12.00			194.
76	2	17	700	3814.0	1.150	.030	3.200	.160				936.00	14.00			210.
76	2	17	1300	4101.0	1.210	.040	3.400	.190				1131.00	14.00			209.
76	2	17	1900	3630.0	1.070	.040	3.700	.200		2.300		103.00	15.00			214.
76	2	18	100	3214.0	.978	.040	3.900	.170				299.00	15.00			221.
76	2	18	700	2933.0	1.120	.040	4.000	.170				442.00	15.00			224.
76	2	18	1300	2702.2	.853	.040	4.100	.180				585.00	15.00			241.
76	2	18	1900	2199.5	.819	.050	4.300	.240		1.600		377.00	16.00			253.
76	2	19	100	2080.4	.587	.030	4.500	.150				416.00	16.00			271.
76	2	19	700	2047.0	.576	.030	4.600	.130				178.00	17.00			280.
76	2	19	1300	1810.9	.490	.030	4.800	.130				210.00	18.00			291.
76	2	19	1900	1571.0	.464	.030	5.000	.100		1.400		195.00	18.00			304.
76	2	20	100	1381.0	.501	.020	5.100	.100				216.00	18.00			317.
76	2	20	700	1230.0	.438	.020	5.000	.100				270.00	19.00			316.
76	2	20	1300	1074.5	.396	.020	5.000	.090				166.00	19.00			323.
76	2	20	1900	947.1	.357	.020	5.000	.090		1.400		132.00	19.00			330.
76	2	21	100	846.9	.349	.020	4.900	.110				114.00	19.00			338.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : HONEY CREEK

LOCATION W/CODE : AT MELMORE, OHIO USGS NO. 04197100

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	2	21	700	748.8	.316	.030	4.900	.110				106.00	19.00			347.
76	2	21	1300	963.9	.447	.030	4.200	.120				227.00	18.00			326.
76	2	21	1900	1007.3	.479	.030	3.700	.100		1.300		276.00	17.00			312.
76	2	22	100	1124.8	.500	.030	3.900	.090				224.00	17.00			313.
76	2	22	700	1106.4	.420	.030	3.900	.070				186.00	18.00			313.
76	2	22	1300	1052.0	.442	.030	3.800	.080				209.00	18.00			311.
76	2	22	1900	1029.6	.433	.030	4.000	.060		1.300		200.00	18.00			318.
76	2	23	100	985.5	.394	.030	3.900	.060				180.00	18.00			313.
76	2	23	700	955.3	.339	.030	4.100	.060				155.00	18.00			327.
76	2	23	1300	823.8	.305	.030	4.200	.060				122.00	18.00			339.
76	2	23	1900	741.4	.274	.040	4.100	.090		1.300		94.40	21.00			349.
76	2	24	1900	470.6	.227	.040	4.000			3.800		66.90	23.00			395.
76	2	25	1900	352.2	.222	.040	4.000			1.000		44.10	24.00			429.
76	2	26	1900	260.2	.309	.150	3.900			1.000		62.40	23.00			450.
76	2	27	1900	192.2	.189	.040	3.700					65.10	23.00			411.
76	2	28	1900	152.0	.194	.030	3.600			2.100		76.60	23.00			481.
76	2	29	1900	125.0	.180	.030	3.500			11.900		60.50	23.00			494.
76	3	1	700	111.6	.180	.020	3.400			2.300		67.50	23.00			512.
76	3	1	1300	106.2	.190	.040	3.500	.030		1.300		71.30	22.00			503.
76	3	2	1300	90.4	.180	.040	3.500					67.20	22.00			517.
76	3	3	1300	85.4	.165	.040	3.200	.080				62.70	22.00			530.
76	3	3	1900	92.9	.194	.040	3.100	.020				78.50	24.00			516.
76	3	4	100	171.6	.319	.050	3.000	.110				143.00	23.00			492.
76	3	4	700	478.9	.703	.060	2.300	.150				507.00	21.00			390.
76	3	4	1300	756.3	.621	.050	2.300	.120				414.00	18.00			325.
76	3	4	1900	858.6	.561	.050	2.500	.070				312.00	18.00			306.
76	3	5	100	902.4	.488	.050	2.600	.110				246.00	18.00			316.
76	3	5	700	930.6	.480	.050	2.600	.160				228.00	19.00			314.
76	3	5	1300	1138.7	.520	.040	2.700	.170				287.00	17.00			289.
76	3	5	1900	1279.0	.567	.040	2.700	.030				304.00	16.00			279.
76	3	6	100	1190.8	.457	.040	2.900					242.00	16.00			287.
76	3	6	700	1043.6	.432	.040	3.000	.030				176.00	16.00			298.
76	3	6	1300	922.4	.484	.040	2.900	.060				208.00	16.00			305.
76	3	6	1900	843.7	.494	.040	2.800	.050				210.00	16.00			309.
76	3	7	100	730.2	.452	.040	2.800	.040				174.00	16.00			322.
76	3	7	700	627.1	.398	.030	2.800	.030				152.00	16.00			333.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : HONEY CREEK

LOCATION W/CODE : AT WELMORE, OH10 USGS NO. 04197100

SAMPLING DATE YR	MO	DY	TIME 2400	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	3	7	1300	535.0	.354	.030	2.800	.120				128.00	16.00			352.
76	3	7	1900	446.0	.324	.030	2.900	.090				103.00	17.00			360.
76	3	8	100	396.0	.294	.040	2.900	.030				105.00	17.00			379.
76	3	8	700	329.0	.286	.030	2.900	.040				92.10	18.00			386.
76	3	8	1900	246.0	.237	.030	3.200	.030		1.400		50.70	24.00			411.
76	3	9	1900	163.0	.210	.030	3.300	2.000		1.200		44.80	26.00			468.
76	3	10	1900	139.0	.187	.030	3.300	.050		1.100		39.70	26.00			471.
76	3	11	1900	125.0	.144	.050	3.100	.070		1.100		26.70	27.00			499.
76	3	12	1900	125.0	.137	.020	2.900	2.000		.800		36.20	28.00			513.
76	3	13	1900	125.0	.123	.020	2.800	.040		.700		30.00	30.00			527.
76	3	14	1900	125.0	.125	.020	2.800	1.760		.900		33.70	30.00			541.
76	3	15	1300	92.9	.107	.010	2.800	.070		1.200		19.00	31.00			556.
76	3	15	1900	84.1	.099	.020	2.800	.010		.600		20.80	24.00			569.
76	3	16	1900	76.1	.096	.020	2.800	.010		.600		11.50	25.00			575.
76	3	17	1900	72.6	.094	.010	2.600	.030		.600		21.10	24.00			585.
76	3	18	1900	69.6	.099	.020	2.600	.030		.800		9.90	29.00			612.
76	3	19	1900	193.0	.171	.050	2.300	.070		.800		28.40	27.00			561.
76	3	20	1900	136.7	.123	.020	2.500	.100		.900		30.00	26.00			536.
76	3	21	700	205.0	.251	.020	2.400	.090		1.200		91.90	24.00			478.
76	3	21	1300	325.0	.340	.020	2.200	.140		1.500		155.00	25.00			461.
76	3	21	1900	362.0	.434	.030	2.700	.110		1.600		181.00	24.00			432.
76	3	22	100	435.4	.609	.030	2.700	.110		2.400		303.00	22.00			410.
76	3	22	700	440.9	.770	.020	3.100	.110		2.900		383.00	20.00			355.
76	3	22	1300	448.9	.695	.020	3.500	.150		2.900		276.00	19.00			347.
76	3	22	1900	427.6	.561	.020	3.400	.120				239.00	18.00			347.
76	3	23	100	376.6	.468	.020	3.600	.110				210.00	19.00			365.
76	3	23	700	307.1	.426	.030	3.400	.110				177.00	19.00			380.
76	3	23	1300	246.5	.357	.020	3.400	.100				153.00	20.00			407.
76	3	23	1900	205.0	.292	.030	3.300	.130				135.00	21.00			427.
76	3	24	100	178.5	.267	.020	3.100	.100				123.00	21.00			443.
76	3	24	700	154.0	.241		3.100	.050				115.00	21.00			461.
76	3	24	1300	132.3	.203	.020	2.900	.120				81.20	21.00			473.
76	3	24	1900	109.0												516.
76	3	25	1900	113.5	.184	.020	2.600	.230				67.90	22.00			
76	3	26	1900	64.6	.154	.010	2.400	.400				57.50	23.00			540.
76	3	27	1900	73.4	.129	.010	2.200	.070				45.20	24.00			558.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : HONEY CREEK

LOCATION W/CODE : AT MELMORE, OHIO USGS NO. 04197100

SAMPLING DATE YR	MO	DY	TIME 24HR HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	3	28	1900	133.8	.267	.020	1.800	.060				126.00	25.00			508.
76	3	29	1300	100.8	.228	.010	1.900	.090				94.20	22.00			509.
76	3	30	1600	96.7	.203	.030	2.300	.060				92.00	21.00			502.
76	3	29	1900	91.7	.162	.020	2.300					59.30	23.00			524.
76	3	29	2200	87.9	.124	.030	2.200	.110				43.00	23.00			552.
76	3	30	100	85.4	.123	.020	2.200	.070				34.60	24.00			578.
76	3	3	400	81.8	.095	.025	2.000					29.70	23.00			583.
76	3	31	400	69.6	.127	.040	1.800					38.80	25.00			576.
76	4	1	400	62.6	.118	.030	1.650	.060				37.30	26.00			541.
76	4	2	100	59.9	.128	.030	2.500					34.40	23.00			488.
76	4	5	1900	90.4	.082		2.200	.050				27.80	23.00			534.
76	4	6	1900	69.6	.047		2.000	.060				17.90	22.00			558.
76	4	7	1900	57.0	.044		1.600	.060				16.60	22.00			566.
76	4	8	1400	49.3	.033		1.500	.130				8.80	22.00			584.
76	4	9	1500	42.5	.020		1.300	.190				8.60	22.00			574.
76	4	1	1900	37.5	.013		1.400	.010				4.70	23.00			574.
76	4	11	1900	37.0	.011		1.300					5.00	22.00			587.
76	4	12	1300	35.5	.037		1.200	.150				3.60	23.00			602.
76	4	13	1900	31.1	.029	.010	1.200	.220				8.30	25.00			602.
76	4	14	1900	29.0	.033	.010	1.100	.510				7.30	25.00			600.
76	4	15	1500	28.3	.037	.010	1.100	.190				7.10	25.00			610.
76	4	16	1900	25.7	.035	.010	1.100	.190				9.90	25.00			617.
76	4	17	1900	25.1	.047	.020	1.000	.200				7.30	26.00			637.
76	4	18	1900	23.1	.054	.010	.900	.130				8.90	25.00			638.
76	4	19	1900	21.9	.056	.030	.800	.190				11.10	30.00			638.
76	4	2	1900	21.1	.067	.040	.900	.260				9.50	28.00			630.
76	4	21	19	20.5	.077	.040	.900	.220				10.10	31.00			63e.
76	4	22	19	21.1	.067	.030	1.000	.180				12.00	29.00			650.
76	4	23	19	25.1	.069	.030	.900	.170				12.80	29.00			653.
76	4	24	19	25.7	.063	.020	.900	.120				11.80	29.00			658.
76	4	25	19	25.7	.057	.010	1.300	.110				9.60	28.00			662.
76	4	26	19	28.5	.052	.010	1.400	.040				7.10	29.00			671.
76	4	25	19	27.1	.031	.030	1.400	.080				7.50	30.00		.53	671.
76	4	27	19	30.7	.023	.020	1.200	.070				7.30	30.00		.59	675.
76	4	28	19	25.7		.020	1.200	.280				5.50	31.00		.53	656.
76	4	29	1900	22.5		.010	1.050	.060				8.60	30.00		43.00	632.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : HONEY CREEK

LOCATION #/CODE : AT MELMORE, OHIO USGS NO. 04197100

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 4 30	1900	20.1		.010	1.150	.060				7.80	30.00		50.00	619.
76 5 1	1900	18.9		.010	1.150	.030				7.30	30.00		.51	643.
76 5 2	1930	18.9	.056	.040	1.250	.090				17.20	32.00		1.60	646.
76 5 3	1300	18.9	.010	.010	1.300	.010				4.90	29.00		.46	648.
76 5 3	1900	18.9	.716	.030	1.200	.200				6.60	29.00			654.
76 5 4	1900	18.4	.056	.010	1.200	.200				7.20	30.00			659.
76 5 5	1900	16.1	.054	.010	1.000	.240				8.00	28.00			647.
76 5 6	1900	15.6	.162	.060	1.700	.840				18.40	28.00			645.
76 5 7	1900	21.9	.068		1.200	.220				9.90	27.00			631.
76 5 8	1900	20.7	.092	.010	1.800	.370				10.70	31.00			665.
76 5 9	1900	23.8	.075		.900	.070				12.40	30.00			661.
76 5 10	1300	21.3	.074		.800	.190				7.90	33.00			694.
76 5 10	1900	20.1	.111	.070	2.200	.120				10.00	48.00			668.
76 5 11	1900	17.7	.095	.060	2.300	.080				8.20	49.00			667.
76 5 12	1900	14.2	.087	.070	2.400	.070				10.60	46.00			665.
76 5 13	1900	13.2	.081	.060	2.200	.080				8.00	44.00			673.
76 5 14	1900	13.2	.085	.050	1.800	.040				9.40	40.00			675.
76 5 15	1900	13.2	.104	.050	1.700	.060				21.30	38.00			650.
76 5 16	1900	13.2	.[illegible]	.040	1.800					7.10	36.00			661.
76 5 17	1300	13.7	.100	.060	2.200	.100					38.00			662.
76 5 17	1900	15.6	.148	.070	1.700	.010				24.20	31.00			603.
76 5 18	1900	16.6	.091	.040	1.800	.030				6.50	32.00			651.
76 5 19	1900	67.6	.202	.070	4.700	.120				52.70	35.00			658.
76 5 20	1900	40.2	.186	.050	14.000	.390				43.00	40.00			635.
76 5 21	1900	26.4	.139	.040	9.900	.130				23.10	36.00			630.
76 5 22	1900	21.3	.121	.040	7.700	.080				19.50	34.00			631.
76 5 23	1900	16.6	.102	.040	6.100	.180				17.90	39.00			642.
76 5 24	1900	15.1	.092	.040	4.200	.060				11.60	36.00			664.
76 5 31	1900	43.3	.569	.130	20.000	.030				276.00	27.00			501.
76 5 31	2400	51.0	.447	.110	20.000	.040				221.00	28.00			537.
76 6 1	600	77.2	.951	.130	20.000	.040				706.00	25.00			429.
76 6 1	1200	83.0	.522	.120	13.300	.030				286.00	25.00			456.
76 6 1	1800	83.0	.289	.080	13.400	.030				133.00	29.00			535.
76 6 1	2400	71.6	.292	.120	13.800	.030				107.00	33.00			624.
76 6 2	600	96.7	.318	.130	8.500	.030				120.00	36.00			664.
76 6 2	1200	107.6	.258	.090	6.400	.100				99.70	33.00			693.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : HONEY CREEK

LOCATION W/CODE : AT MELMORE, OHIO USGS NO. 04197100

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 6 2	1800	114.7	.269	.100	.500	.020				123.00	34.00			670.
76 6 2	2400	114.7	.331	.100	19.100	.030				136.00	36.00			689.
76 6 3	600	114.7	.288	.080	20.000	.010				116.00	39.00			732.
76 6 3	1200	104.0	.255	.070	20.000	.030				98.40	39.00			749.
76 6 3	1800	89.1	.229	.060	20.000	.020				82.80	39.00			759.
76 6 3	2400	74.9	.221	.050	20.000	.030				82.20	39.00			761.
76 6 4	600	65.6	.200	.050	19.200	.020				96.50	38.00			758.
76 6 4	1200	59.0	.186	.050	18.400	.040				87.80	38.00			754.
76 6 4	1800	47.5	.174	.050	17.800	.030				64.70	38.00			753.
76 6 5	1800	35.5	.181	.030	18.500	.030				63.60	38.00			750.
76 6 6	1800	24.4	.163	.030	15.900	.020				46.60	37.00			748.
76 6 7	1200	21.3	.157	.030	13.100	.020				44.90	37.00			750.
76 6 7	1800	19.5	.193	.080	10.000	.030				43.20	37.00			722.
76 6 8	100	18.7	.146	.070	12.300	.030				36.90	36.00			729.
76 6 8	700	17.1	.152	.090	11.700	.040				43.30	36.00			732.
76 6 8	1300	16.6	.154	.080	10.500	.040				46.50	36.00			728.
76 6 8	1900	16.0	.141	.070	10.400	.040				39.90	35.00			716.
76 6 9	100	12.6	.164	.080	9.800	.040				47.30	34.00			717.
76 6 9	700	12.0	.151	.070	9.200	.030				43.40	34.00			722.
76 6 9	1300	12.0	.137	.080	8.600	.060				43.70	34.00			719.
76 6 9	1900	12.0	.137	.070	8.000	.050				34.50	33.00			707.
76 6 10	100	11.0	.148	.070	7.400	.030				37.40	33.00			709.
76 6 10	700	11.0	.140	.070	7.000	.030				45.10	32.00			712.
76 6 10	1300	11.0	.143	.060	6.500	.030				43.70	31.00			710.
76 6 10	1900	11.0	.142	.060	6.200	.040				38.20	31.00			702.
76 6 11	1900	11.0	.139	.060	4.800	.040				31.40	30.00			697.
76 6 12	1900	7.8	.143	.060	3.800	.050				30.60	30.00			701.
76 6 13	1900	4.0	.139	.050	3.200	.040				34.00	29.00			703.
76 6 14	1300	3.5	.138	.060	2.900	.040				40.70	28.00			705.
76 6 14	1900	3.5	.115	.050	3.600	.050				28.30	30.00		.50	660.
76 6 15	1900	2.8	.105	.050	2.700	.050				30.30	28.00		.60	662.
76 6 16	1900	3.5	.130	.080	2.700	.010				29.70	27.00		.40	665.
76 6 17	1900	4.0	.092	.040	2.300	.060				20.70	26.00		.30	652.
76 6 18	1900	3.3	.133	.020	2.200	.120				25.40	28.00		.40	643.
76 6 19	1900	6.1	.145	.030	2.200	.050				31.50	27.00		.50	647.
76 6 20	1900	10.0	.123	.010	2.400	.020				38.40	29.00		.50	649.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : HONEY CREEK

LOCATION W/CODE : AT MELMORE, OHIO USGS NO. 04197100

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	6	21	1300	32.0	.239	.030	1.200					41.50	38.00		1.00	709.
76	6	21	1340	32.0	.263	.120	2.100	.070				88.30	40.00			712.
76	6	21	1940	32.0	.269	.110	2.100	.060				84.20	37.00			706.
76	6	22	140	29.0	.225	.100	5.100	.020				73.60	36.00			679.
76	6	22	740	29.0	.207	.100	7.100	.090				61.80	35.00			669.
76	6	22	1340	29.0	.188	.090	8.500	.070				54.70	34.00			654.
76	6	22	1940	29.0		.080	9.600	.060					34.00			600.
76	6	23	140	17.0	.171	.070	11.200	.040				59.00	34.00			668.
76	6	23	740	17.0	.157	.070	12.400	.090				48.80	36.00			680.
76	6	23	1340	17.0	.142	.060	13.600	.090				43.00	37.00			687.
76	6	23	1940	17.0	.158	.060	14.800	.080				58.80	38.00			704.
76	6	24	140	16.0	.195	.070	14.800	.040				83.90	39.00			719.
76	6	24	740	16.0	.216	.120	14.700	.060				46.90	41.00			729.
76	6	24	1340	16.0	.231	.100	14.800	.060				61.20	37.00			688.
76	6	24	1940	16.0	.185	.060	13.300	.050				71.50	36.00			676.
76	6	25	140	18.0	.187	.060	12.200	.040				78.50	35.00			673.
76	6	25	740	18.0	.166	.050	12.900	.050				55.60	34.00			669.
76	6	25	1340	18.0	.154	.050	12.400	.040				50.30	33.00			673.
76	6	25	1940	18.0	.237	.120	13.000	.060				64.00	39.00			693.
76	6	26	140	39.0	.253	.110	14.400	.070				76.10	39.00			719.
76	6	26	740	39.0	.196	.060	13.300	.030				73.10	38.00			719.
76	6	26	1340	39.0	.189	.050	13.500	.030				73.70	39.00			718.
76	6	26	1940	39.0	.233	.080	11.800	.020				72.20	43.00			717.
76	6	27	140	38.0	.217	.070	10.400	.050				81.10	41.00			718.
76	6	27	740	38.0	.176	.060	11.700	.010				54.30	41.00			713.
76	6	27	1340	38.0	.159	.050	12.300	.010				47.70	40.00			703.
76	6	27	1940	38.0	.164	.050	13.300	.010				55.00	38.00			691.
76	6	28	140	24.0	.177	.050	13.400	.010				68.60	36.00			680.
76	6	28	740	24.0	.172	.070	12.600	.010				45.80	34.00			656.
76	6	28	1900	24.0	.151	.080	11.800	.060				39.10	33.00			639.
76	6	29	1900	18.0	.139	.070	9.900	.020				33.30	34.00			642.
76	6	30	1900	27.0	.156	.070	10.900	.050				47.70	37.00			693.
76	7	1	1900	39.0	.215	.070	8.700	.070				87.90	37.00			650.
76	7	2	100	55.0	.262	.080	9.300	.020				114.00	32.00			578.
76	7	2	700	55.0	.331	.070	8.700	.030				185.00	27.00			533.
76	7	2	1300	55.0	.525	.080	6.600	.020				209.00	23.00			421.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : HONEY CREEK

LOCATION W/CODE : AT MELMORE, OHIO USGS NO. 04197100

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	7	2	1900	55.0	.502	.120	9.800	.040					24.00			429.
76	7	3	100	44.0	.404	.080	10.500	.030				198.00	24.00			477.
76	7	3	700	44.0	.332	.080	11.000					155.00	29.00			536.
76	7	3	1300	44.0	.284	.090	11.100	.010				127.00	31.00			558.
76	7	3	1900	44.0	.320	.100	10.900	.010				123.00	33.00			582.
76	7	4	100	27.0	.336	.100	10.600					146.00	36.00			613.
76	7	4	700	27.0	.260	.090	10.500	.010				103.00	36.00			631.
76	7	4	1300	27.0	.196	.080	10.000	.010				69.10	35.00			634.
76	7	4	1900	27.0	.193	.070	10.600					46.20	35.00			635.
76	7	5	1300	18.0	.171	.080	10.300					46.00	35.00			637.
76	7	5	1900	18.0	.180	.100	9.800	.050				38.50	33.00			630.
76	7	6	700	12.0	.150	.090	9.100	.010				49.40	32.00			623.
76	7	6	1300	12.0	.124	.080	7.900	.050				35.50	30.00			613.
76	7	7	700	7.8	.134	.090	7.200	.040				41.50	29.00			619.
76	7	7	1300	7.8	.105	.070	6.700	.080				26.50	29.00			612.
76	7	8	700	15.0	.213	.150	7.100	.010				51.80	33.00			605.
76	7	8	1900	15.0	.191	.090	5.900	.030				68.50	26.00			543.
76	7	9	700	19.0	.219	.110	5.700	.020				64.00	25.00			538.
76	7	9	1300	19.0	.207	.090	5.000	.030				66.00	26.00			510.
76	7	9	1900	19.0	.360	.220	7.200	.020				75.30	35.00			583.
76	7	10	100	34.0	.246	.100	5.200					80.30	29.00			612.
76	7	10	700	34.0	.227	.080	5.300					91.00	30.00			614.
76	7	10	1300	34.0	.230	.090	4.800	.010				79.10	33.00			627.
76	7	10	1900	34.0	.201	.080	3.700	.010				61.10	32.00			641.
76	7	11	100	21.0	.195	.080	3.100					60.50	31.00			638.
76	7	11	700	21.0	.191	.070	3.000					62.10	28.00			589.
76	7	11	1300	21.0	.143	.060	3.100					56.30	26.00			533.
76	7	11	1900	21.0	.147	.070	3.100	.010				51.30	24.00			514.
76	7	12	100	12.0	.145	.070	3.200					56.10	24.00			516.
76	7	12	700	12.0	.154	.080	3.300					60.30	23.00			526.
76	7	12	1300	12.0	.174	.080	3.400					47.70	23.00			528.
76	7	12	1900	12.0	.147	.080	3.100	.010				78.50	23.00			528.
76	7	13	700	7.5	.148	.080	3.200					41.10	23.00			562.
76	7	13	1300	9.3	.126	.060	3.000	.100				29.00	23.00			566.
76	7	14	700	6.1	.123	.060	3.000	.010				30.40	23.00			578.
76	7	14	1300	6.1	.107	.060	2.700	.030				19.30	23.00			578.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : HONEY CREEK

LOCATION W/CODE : AT MELMORE, OHIO USGS NO. 04197100

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	7	15	700	3.8	.116	.050	2.700	.010				29.00	22.00			591.
76	7	15	1900	3.8	.105	.030	2.500					16.80	22.00			582.
76	7	16	700	3.6	.128	.040	2.600	.010				29.90	22.00			584.
76	7	16	1900	3.6	.165	.080	3.000	.010				24.00	23.00			580.
76	7	17	700	6.4	.139	.040	2.100					42.90	21.00			573.
76	7	17	1900	6.4	.105	.030	2.200					14.60	23.00			575.
76	7	18	700	4.0	.106	.020	2.400					25.20	21.00			595.
76	7	18	1900	4.0	.114	.020	2.400					11.70	21.00			575.
76	7	19	700	3.6	.099	.020	2.500	.010				25.40	21.00			597.
76	7	19	1300	3.6	.106	.030	2.600	.040				8.90	23.00			614.
76	7	19	1900	3.6	.092	.090	2.100	.150				17.90	22.00			570.
76	7	20	100	5.1	.120	.090	2.000	.110				37.00	23.00			576.
76	7	20	700	5.1	.110	.070	2.000	.060				21.60	23.00			572.
76	7	20	1300	5.1	.091	.060	1.900	.070				68.40	24.00			573.
76	7	20	1900	5.1	.096	.060	1.900	.010					24.00			576.
76	7	21	100	4.9	.112	.070	2.000	.050				31.00	26.00			591.
76	7	21	700	4.9	.198	.120	2.200	.040					30.00			604.
76	7	21	1300	4.9	.096	.070	2.400	.010				120.00	30.00			600.
76	7	21	1900	4.9	.087	.070	2.300	.020				16.90	29.00			606.
76	7	22	100	5.6	.116	.070	2.300					29.20	30.00			625.
76	7	22	700	5.6	.118	.060	2.200					32.10	30.00			627.
76	7	22	1300	5.6	.103	.080	2.000	.010				14.60	29.00			626.
76	7	22	1900	5.6	.120	.060	1.800					24.20	28.00			594.
76	7	23	100	39.0	.238	.030	.900					110.00	25.00		2.20	507.
76	7	23	700	39.0	.585	.030	1.800	.010				422.00	23.00		8.50	382.
76	7	23	1300	39.0												335.
76	7	23	1900	39.0												328.
76	7	23	1300	39.0	.540	.130	3.200	.140				400.00				330.
76	7	23	1600	39.0	.568	.130	2.600	.080				342.00				319.
76	7	23	1900	39.0	.573	.170	3.200	.080				292.00				345.
76	7	23	2200	39.0	.618	.210	4.000	.150				269.00				356.
76	7	24	100	40.0	.615	.250	4.800	.250				227.00				383.
76	7	24	700	40.0	.628	.260	4.900	.240				202.00				405.
76	7	24	1000	40.0	.676	.260	5.500	.300				297.00				421.
76	7	24	1300	40.0	.635	.230	3.600	.150				305.00				365.
76	7	24	1600	40.0	.543	.240	3.800	.170				288.00				367.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : HONEY CREEK

LOCATION W/CODE : AT MELMORE, OHIO USGS NO. 04197100

SAMPLING DATE YR	MO	DY	TIME 24HR.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	7	24	1900	40.0	.533	.240	3.600	.120				198.00				403.
76	7	24	2200	40.0	.526	.220	3.300	.070				197.00				399.
76	7	25	100	31.0	.474	.190	3.000	.050				195.00				427.
76	7	25	400	31.0	.419	.180	2.700	.040				147.00				473.
76	7	25	700	31.0	.360	.170	2.500	.020				111.00				505.
76	7	25	1000	31.0	.342	.200	2.600	.030				101.00				540.
76	7	25	1300	31.0	.362	.210	2.600	.020				98.70				572.
76	7	25	1600	31.0	.306	.200	2.300	.020				75.00				575.
76	7	25	1900	31.0	.286	.180	2.000	.010				81.50				573.
76	7	25	2200	31.0	.262	.130	1.800	.010				72.70				578.
76	7	26	100	18.0	.266	.120	1.800	.020				74.60				591.
76	7	26	400	18.0	.299	.130	1.800	.030				85.80				599.
76	7	26	700	18.0	.298	.140	2.000	.030				89.10				600.
76	7	26	1000	18.0	.301	.150	2.100	.040				78.90				605.
76	7	26	130	18.0	.294	.140	2.200	.040				76.90				602.
76	7	26	1600	18.0	.281	.130	2.200	.020				53.00				599.
76	7	27	700	12.0	.224	.140	2.500	.070				49.90	32.00			569.
76	7	27	1900	12.0	.218	.140	2.200	.030				59.10	29.00			577.
76	7	28	700	8.4	.174	.100	2.100	.120				39.80	28.00			579.
76	7	28	1900	8.4	.165	.100	1.990	.220				37.10	29.00			579.
76	7	29	700	5.9	.147	.110	2.000	.070				35.70	28.00			582.
76	7	29	1900	5.9	.159	.100	2.000	.040				34.80	27.00			584.
76	7	3	700	4.9	.142	.080	2.200	.030				29.20	26.00			590.
76	7	3	1900	4.9	.159	.080	2.100	.020				37.60	26.00			593.
76	7	30	700	4.9	.139	.080	2.200	.130				23.60	26.00			593.
76	7	30	1900	4.9	.161	.070	2.200	.120				42.20	26.00			607.
76	8	1	700	4.9	.141	.070	2.300					26.20	28.00			609.
76	8	1	1900	4.9	.139	.060	2.200	.110				31.20	24.00			606.
76	8	2	700	4.9	.097	.040	2.200	.020				17.10	23.00			600.
76	8	2	1900	4.9	.113	.040	2.300	.020				24.50	23.00			605.
76	8	3	100	4.9	.165	.100	2.200	.100				35.60	27.00			585.
76	8	3	700	4.9	.161	.110	2.400	.040				41.40	29.00			609.
76	8	3	1900	4.9	.121	.110	2.500	.050				18.20	32.00			605.
76	8	4	700	4.9	.129	.100	2.300	.070				32.80	29.00			606.
76	8	4	1900	4.9	.133	.100	2.300	.080				14.80	32.00			606.
76	8	5	700	3.9	.126	.060	2.100	.070				31.50	29.00			594.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : HONEY CREEK

LOCATION W/CODE : AT MELMORE, OHIO USGS NO. 04197100

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	8	5	1900	3.3	.107	.060	2.200	.090				93.50	30.00			588.
76	8	6	700	3.1	.128	.060	2.200	.050				25.60	32.00			604.
76	8	6	1900	3.1	.106	.060	2.200	.050				21.10	33.00			610.
76	8	7	700	4.7	.146	.100	2.300	.070				22.30	31.00			609.
76	8	7	1900	4.7	.301	.240	4.400	.290				37.00	35.00			598.
76	8	8	700	27.0	.163	.100	2.200	.020				29.90	29.00			581.
76	8	8	1300	27.0	.147	.090	2.000	.020				33.50	28.00			576.
76	8	8	1900	27.0	.183	.090	2.200	.030				54.80	28.00			566.
76	8	9	100	61.0	.355	.180	1.000	.090				102.00	39.00			552.
76	8	9	700	61.0	.444	.210	2.400	.400				134.00	40.00			461.
76	8	9	1300	61.0	.387	.200	3.200	.330				97.00	37.00			455.
76	8	9	1900	61.0	.385	.210	2.600	.280				123.00	25.00			355.
76	8	10	700	32.0	.321	.190	2.700	.140				86.10	24.00			362.
76	8	10	1900	32.0	.272	.190	2.700	.040				56.30	24.00			392.
76	8	11	700	15.0	.246	.170	2.800	.050				64.20	25.00			423.
76	8	11	1900	15.0	.206	.160	2.700	.070				49.30	25.00			436.
76	8	12	700	9.3	.194	.150	2.700	.040				41.80	26.00			470.
76	8	12	1900	9.3	.175	.170	2.700	.110				28.00	27.00			486.
76	8	13	700	9.3	.372	.290	4.300	.050				65.10	33.00			499.
76	8	13	1900	9.6	.180	.180	2.600	.090				18.30	27.00			493.
76	8	14	700	9.0	.174	.160	2.500	.070				37.30	26.00			513.
76	8	14	1900	9.0	.234	.110	2.100	.030				124.00	23.00			417.
76	8	15	100	17.0	.525	.190	2.600	.030				269.00	21.00			362.
76	8	15	700	17.0	.307	.150	2.500	.040				121.00	27.00			453.
76	8	15	1300	17.0	.310	.130	2.200	.020				105.00	21.00			411.
76	8	15	1900	17.0	.326	.140	2.200	.010				100.00	21.00			412.
76	8	16	100	8.7	.271	.130	2.300	.010				76.50	23.00			456.
76	8	16	700	8.7	.243	.140	2.600	.040				68.60	28.00			504.
76	8	16	1300	8.7	.183	.140	2.700	.010				31.90	33.00			541.
76	8	16	1900	8.7	.170	.170	2.800	.410				23.80	31.00			545.
76	8	17	1900	8.7	.150	.150	2.200	.350				21.30	31.00			561.
76	8	18	1900	7.8	.140	.140	2.000	.420				19.30	29.00			563.
76	8	19	1900	5.6	.140	.140	1.700	.390				18.50	30.00			570.
76	8	20	1900	4.2	.160	.160	1.700	.510				16.00	34.00			593.
76	8	21	1900	4.0	.112	.110	1.700	.350				22.50	31.00			592.
76	8	22	1900	3.5	.108	.090	1.700	.380				14.90	33.00			608.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : HONEY CREEK

LOCATION W/CODE : AT MELMORE, OHIO USGS NO. 04197100

SAMPLING DATE YR	MO	DY	TIME 24HR. HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	8	23	700	2.4	.140	.110	1.700	.280				28.30	32.00			604.
76	8	23	1300	2.4	.140	.100	1.700	.500				35.60	31.00			611.
76	8	23	1900	2.4	.196	.130	1.400	.220				21.70	42.00			596.
76	8	24	100	2.6	.201	.120	1.400	.260				43.90	43.00			601.
76	8	24	700	2.0	.185	.090	1.300	.240				41.70	38.00			592.
76	8	24	1300	2.[illegible]	.191	.060	1.100	.320				30.50	80.00			739.
76	8	24	1900	2.0	.149	.040	.900	.190				51.50	47.00			565.
76	8	25	100	1.7	.206	.060	1.000	.230				45.90	37.00			570.
76	8	25	700	1.7	.180	.040	1.100	.180				42.50	34.00			565.
76	8	25	1300	1.7	.167	.050	1.100	.080				27.30	42.00			587.
76	8	25	1900	1.7	.174	.050	1.100	.070				27.20	40.00			587.
76	8	26	100	1.9	.193	.060	1.400	.110				39.60	32.00			576.
76	8	26	700	1.9	.166	.050	1.400	.120				37.30	31.00			579.
76	8	26	1300	1.9	.186	.040	1.430	.110				34.10	39.00			602.
76	8	31	1900	28.0	.975	.110	1.260	.207				61.50	38.00			554.
76	9	1	1900	17.0	.991	.112	1.290	.214				34.90	38.00			438.
76	9	2	1900	11.0	.317	.139	1.910	.115				31.50	30.00			469.
76	9	3	1300	7.6	.234	.171	2.250	.077				17.40	33.00			573.
76	9	4	1300	5.1	.455	.455	2.400	.765				18.90	45.00			539.
76	9	5	1300	4.2	.230	.121	2.280	.052				16.10	35.00			567.
76	9	6	1300	3.1	.541	.101	2.210	.028				11.20	37.00			636.
76	9	6	1900	3.2	.197	.170	2.510	.019				20.90	66.80		.55	686.
76	9	7	1900	2.4	.372	.342	2.990	.049				20.40	72.50		.53	736.
76	9	8	1900	2.1	.530	.483	3.190	.154				20.50	65.30		.53	727.
76	9	9	1900	1.8	.470	.431	2.980	.286				13.20	52.80		.48	686.
76	9	10	1900	3.3	.142	.120	2.030	.071				19.60	37.60		.57	592.
76	9	11	1900	4.7	.104	.062	1.750	.058				18.50	37.40		.51	588.
76	9	12	1900	10.0	.122	.075	1.850	.018				26.40	39.10		.67	600.
76	9	13	1900	7.0	.183	.129	1.250	.034				41.80	50.20		.99	600.
76	9	13	1900	7.0	.198	.155	1.170	.027				22.30	48.50			584.
76	9	14	1900	5.6	.169	.118	.870	.171				22.50	44.10			595.
76	9	15	1900	2.1	.197	.155	1.180	.145				19.40	47.20			625.
76	9	16	1900	1.5	.178	.107	1.300	.098				28.60	42.80			631.
76	9	17	1900	3.5	.188	.135	2.010	.132				24.50	38.90			587.
76	9	18	1900	3.7	.155	.078	1.120	.090				25.80	40.40			584.
76	9	19	1900	4.5	.140	.055	1.300	.076				23.90	37.60			601.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : HONEY CREEK

LOCATION W/CODE : AT MELMORE, OHIO USGS NO. 04197100

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	9	20	1300	7.2	.174	.069	1.490	.100				26.70	40.30			591.
76	9	20	1900	4.7	.176	.106	1.570	.121				20.40	40.40			597.
76	9	21	1900	3.3	.130	.079	1.160					12.30	41.50			596.
76	9	22	1900	2.4	.152	.105	1.110	.248				14.00	39.30			597.
76	9	23	1900	2.4	.097	.073	1.240	.019				9.10	37.80			609.
76	9	24	1900	2.3	.109	.077	1.380	.118				8.90	38.10			630.
76	9	25	1900	1.5	.140	.114	1.470	.260				7.80	39.30			643.
76	9	26	1900	1.6	.220	.189	1.840	.303				12.10	44.70			647.
76	9	27	1300	2.3	.115	.083	1.620	.048				11.90	38.70			630.
76	9	27	1900	2.3	.104	.103	1.680	.107				10.10	34.90			616.
76	9	28	100	36.0	.123	.115	1.760	.068				19.70	38.30			628.
76	9	28	700	36.0	.109	.104	1.720	.074				19.50	37.90			634.
76	9	28	1300	36.0	.277	.211	.920	.099				57.10	46.70			610.
76	9	28	1900	36.0	.346	.204	3.410	.091				90.60	43.20			564.
76	9	29	100	51.0	.506	.217	3.940	.075				152.00	34.90			413.
76	9	29	700	51.0	.465	.222	4.990	.045				106.00	31.10			397.
76	9	29	1300	51.0	.433	.222	5.060	.064				81.30	35.20			428.
76	9	29	1900	51.0	.357	.198	4.840	.073				80.40	40.50			483.
76	9	30	100	26.0	.307	.195	4.980	.053				65.80	43.20			504.
76	9	30	700	26.0	.296	.179	4.970	.053				56.20	42.50			512.
76	9	30	1300	26.0	.277	.170	5.070	.044				22.10	43.00			521.
76	9	30	1900	26.0	.257	.159	4.980	.057				48.40	42.70			525.
76	10	1	100	9.6	.236	.163	4.930	.074				41.40	42.40			531.
76	10	1	700	9.6	.215	.141	4.880	.043				36.00	42.20			533.
76	10	1	1300	9.6	.202	.137	4.790	.050				29.00	42.70			539.
76	10	1	1900	9.6	.187	.136	4.740	.042				37.30	42.80			540.
76	10	2	100	6.2	.179	.123	4.570	.022				36.20	42.10			545.
76	10	2	700	6.2	.167	.120	4.650	.021				33.80	41.00			548.
76	10	2	1300	6.2	.152	.116	4.460	.042				28.80	42.30			555.
76	10	2	1900	6.2	.156	.123	4.330	.007				28.20	41.70			556.
76	10	3	100	4.7	.154	.127	4.090	.021				29.60	41.10			558.
76	10	3	700	4.7	.142	.110	4.020	.017				31.10	40.90			562.
76	10	3	1300	4.7	.130	.109	3.890	.007				16.30	41.40			564.
76	10	3	1900	4.7	.130	.108	3.800	.011				19.90	40.60			567.
76	10	4	100	4.0	.132	.102	3.670	.006				21.30	40.40			570.
76	10	4	700	4.0	.126	.098	3.680	.006				18.90	40.40			578.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : HONEY CREEK

LOCATION W/CODE : AT MELMORE, OHIO USGS NO. 04197100

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 1 4	1300	4.0	.116	.096	3.570	.306				13.20	42.30			584.
76 1 4	1900	4.0	.159	.082	3.280	.062				16.20	48.70			602.
76 1 5	1900	3.7	.140	.087	2.870	.118				15.60	46.00			606.
76 1 6	1900	4.6	.113	.055	2.530	.033				13.30	43.80			603.
76 1 7	1900	6.1	.086	.056	2.160	.047				12.90	43.50			611.
76 1 8	1900	5.9	.155	.059	1.980	.107				11.00	43.90			625.
76 1 9	1900	5.7	.157	.127	1.910	.231				8.80	48.30			647.
76 1 10	1900	6.5	.069	.029	1.570	.111				4.00	44.60			635.
76 1 11	1300	7.1	.073	.045	1.520	.050				8.30	43.00			637.
76 1 11	1900	7.1	.109	.095	1.480	.226				8.00	43.50			619.
76 1 12	1900	6.0	.065	.069	1.420	.053				9.10	46.00			633.
76 1 13	1900	2.6	.125	.121	1.300	.177				8.50	50.30			665.
76 1 14	1900	2.8	.072	.052	1.000	.051				5.90	47.70			652.
76 1 15	1900	2.7	.056	.053	.970	.017				5.40	49.80			671.
76 1 16	1900	2.7	.087	.071	.730	.074				17.00	48.30			685.
76 1 17	1900	2.4	.057	.037	.690	.038				5.30	46.30			671.
76 1 18	1300	2.4	.053	.035	.790	.042				6.10	45.70			667.
76 1 18	1900	2.4	.059	.025	.730	.064				5.00	45.00			635.
76 1 19	1900	3.0	.056	.025	.780	.061				4.00	43.90			630.
76 1 20	1900	3.5	.167	.042	1.690	.028				5.10	46.30			645.
76 1 21	1900	3.8	.112	.112	.730	.037				3.40	43.50			621.
76 1 22	1900	3.8	.041	.032	.750	.080				3.90	44.40			631.
76 1 23	1900	3.6	.049	.027	.480	.045				4.60	47.70			650.
76 1 24	1900	6.6	.114	.045	.970	.124				3.20	54.80			705.
76 1 25	1300	6.3	.187	.090	.540	.038				5.80	53.10			692.
76 1 2	1900	6.3	.083	.048	.550	.076					43.50	5.38		700.
76 1 26	1900	7.9	.111	.061	.450	.057				3.10	46.20	5.09		733.
76 1 27	1900	10.0	.140	.055	.350	.097				3.50	45.60	7.10		736.
76 1 28	1900	9.8	.108	.047	1.060	.046					46.30	6.55		734.
76 1 29	1900	7.3	.093	.044	2.100	.028					45.50	6.83		709.
76 1 30	1900	6.7	.083	.040	1.690	.036					39.70	7.05		688.
76 1 31	1900	6.7	.082	.038	1.730	.037					38.20	6.06		671.
76 11 1	1300	6.6	.069	.028	1.740	.022				1.50	37.80	6.10		677.
76 11 2	1300	7.5	.074	.042	1.930	.018				6.20	42.20	6.26		669.
76 11 3	1300	9.1	.089	.063	2.150	.031				6.10	43.40	6.49		689.
76 11 4	1300	9.1	.068	.054	1.310	.036				4.90	44.40	7.20		709.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : HONEY CREEK

LOCATION W/CODE : AT MELMORE, OHIO USGS NO. 04197100

SAMPLING DATE YR	MO	DY	TIME 24.0 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	11	5	1300	8.0	.062	.047	1.570	.021				4.10	45.40	6.49		715.
76	11	6	1300	8.1	.056	.045	1.440	.030				4.80	43.70	6.03		707.
76	11	7	1300	7.2	.055	.029	1.360	.023				4.80	42.00	4.72		698.
76	11	8	1300	5.7	.044	.030	1.460	.052				4.60	41.90	4.18		696.
76	11	8	1900	5.7	.057	.029	1.420	.022				1.20	42.50	4.03		675.
76	11	9	1900	4.5	.059	.032	1.580	.027				1.10	42.80	3.73		676.
76	11	10	1900	4.5	.040	.019	1.590	.025				2.30	41.10	3.08		672.
76	11	11	1900	4.5	.041	.021	1.600	.027				1.20	40.90	2.61		669.
76	11	12	1900	4.6	.043	.024	1.490	.057				.90	41.10	2.66		671.
76	11	13	1900	4.6	.042	.023	1.410	.066				1.90	41.80	2.53		676.
76	11	14	1900	4.3	.042	.025	1.350	.078				2.30	43.20	2.18		694.
76	11	15	1300	4.1	.038	.024	1.320	.053				2.40	44.10	2.07		701.
76	11	15	1900	4.1	.047	.028	1.380	.025				3.40	42.10			710.
76	11	16	1900	4.1	.043	.025	1.510	.039				3.40	43.50			722.
76	11	17	1300	4.1	.032	.022	1.320	.032				3.30	42.60			721.
76	11	22	1900	2.6	1.120	.146	1.140					3.60				1035.
76	11	23	1900	2.6	.083	.083	1.110	.223				3.30	42.00	2.04		707.
76	11	24	1900	2.6	.065	.065	1.140	.154				3.60	41.60	2.16		728.
76	11	25	1900	2.6	.050	.050	1.080	.194				3.40	40.40	2.32		718.
76	11	26	1900	2.9	.069	.069	1.150	.206				9.30	41.60	2.15		704.
76	11	27	1900	3.3	.037	.037	.950	.160				8.10	41.00	2.91		700.
76	11	28	1900	3.1	.025	.025	.910	.118				5.10	38.50	1.31		688.
76	11	29	1300	3.0	.026	.026	.950	.057				3.40	39.80	1.99		698.
76	12	7	1300	2.2	.066	.034	1.060	.167		3.390		3.60	42.10	3.48		779.
76	12	8	1300	2.2	.099	.037	1.330	.113		3.450		3.20	43.60	2.70		801.
76	12	9	1300	2.1	.043	.023	1.490	.090		3.500		7.60	42.50	2.10		810.
76	12	11	1300	2.1	.084	.050	1.360	.129		3.790		5.60	42.30	2.36		795.
76	12	12	1300	2.0	.065		1.440	.159		3.270		2.40	48.10	2.40		833.
76	12	13	1300	1.9	.057	.030	1.570	.104		3.290		3.30	48.10	2.72		840.
76	12	14	1300	1.9	.160	.160	1.670	.562		3.870		5.00	49.60	2.72		855.
76	12	14	1300	1.9	.025	.025	1.590	.111		.840		4.70	49.40	1.27	.08	867.
76	12	15	1300	1.9	.036	.034	1.350	.112		.551		4.40	47.50	1.11	.09	840.
76	12	16	1300	1.9	.045	.040	1.260	.105		.517		4.30	46.10	1.12	.04	822.
76	12	17	1300	1.8	.041	.041	1.340	.133		.632		4.50	46.50	1.17	.09	858.
76	12	18	1300	1.8	.019	.019	1.440	.128		.526		4.10	44.90	1.26	.05	843.
76	12	19	1300	1.8	.034	.030	1.400	.106		.462		4.50	46.80	1.19	.11	837.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : HONEY CREEK

LOCATION W/CODE : AT MELMORE, OHIO USGS NO. 04197100

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	12	20	700	1.8	.090	.058	1.250	.187		.997		9.00	44.70	1.13	.32	795.
76	12	20	1300	1.8	.152	.100	1.820	.317		.970		3.40	59.10	2.99		785.
76	12	21	1300	1.8	.063	.036	1.440	.143		.750		2.40	46.60	2.57		780.
76	12	22	1300	1.7	.050	.035	1.630	.119		.650		1.20	50.30	2.57		811.
76	12	23	1300	1.7	.059	.037	1.500	.110		1.330		1.40	53.70	2.15		823.
76	12	24	1300	1.7	.096	.057	1.720	.149		1.050		6.70	65.20	2.53		952.
76	12	25	1300	1.7	.077	.039	1.460	.128		.980			65.30	2.39		991.
76	12	26	1300	1.6	.087	.036	1.360	.115		.970		1.70	64.90	2.50		965.
76	12	27	1300	1.6	.082	.035	1.480	.152		.820		1.80	63.40	2.59		951.
76	12	27	1900	1.6	.102	.071	1.600	.230		1.160		5.00	63.40	2.76		971.
76	12	28	1900	1.6	.092	.060	1.620	.200		.950		5.80	65.90	2.50		937.
76	12	29	1900	1.6	.081	.060	1.710	.230		1.080		4.60	64.30	2.87		937.
76	12	30	1900	1.6	.099	.073	1.850	.312		1.080		7.60	66.40	2.93		953.
77	1	1	1900	1.5	.086	.060	1.820	.320		2.090		7.60	61.90	2.61		936.
77	1	2	1900	1.6	.077	.049	1.770	.241		.938		7.10	59.10	3.26		919.
77	1	3	1900	1.5	.051	.030	1.790	.160		.925		5.00	59.40	2.36		899.
77	1	3	1900	1.5	.101	.074	1.740	.260				5.50	62.40			888.
77	1	4	1900	1.5	.056	.039	1.760	.241				4.60	59.90			867.
77	1	5	1900	1.5	.062	.049	1.820	.269				6.10	59.90			868.
77	1	6	1900	1.4	.061	.047	1.890	.286				1.50	53.10			855.
77	1	7	1900	1.4	.094	.089	1.890	.410				1.70	53.30			843.
77	1	8	1900	1.4	.078	.069	1.900	.459				3.10	52.10			844.
77	1	9	1900	1.4	.072	.058	1.930	.431				3.30	50.70			841.
77	1	10	1300	1.4	.065	.045	1.950	.461				2.50	53.50			855.
77	1	12	1300	1.3	.085	.049	1.900	.492					50.50			853.
77	1	13	1300	1.3	.074	.037	1.940	.446					51.00			866.
77	1	14	1300	1.3	.077	.040	1.950	.561				.80	53.10			854.
77	1	15	1300	1.3	.065	.033	1.910	.477					53.00			863.
77	1	16	1300	1.3	.069	.034	1.970	.510				3.60	55.00			876.
77	1	17	1300	1.2	.208	.157	2.070	.952				.60	57.50			895.
77	1	18	700	1.2	.095	.065	2.060	.594					50.10			870.
77	1	18	1300	1.2	.095	.074	2.090	.620				5.60	54.30			884.
77	1	19	1300	1.2	.066		2.010	.571				3.90	54.80			862.
77	1	20	1300	1.2	.069	.059	2.040	.636				6.20	55.90			878.
77	1	21	1300	1.2	.068	.049	2.080	.663				7.20	57.20			882.
77	1	22	1300	1.2	.070	.055	2.060	.704				9.20	59.30			880.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : HONEY CREEK

LOCATION W/CODE : AT MELMORE, OHIO

USGS NO. 04197100

SAMPLING DATE YR	MO	DY	TIME 24:0 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	1	23	1300	1.1	.093	.075	1.980	.817				5.90	57.80			891.
77	1	24	1300	1.1	.072	.060	1.940	.757				8.10	56.10			884.
77	1	24	1900	1.1	.119	.099	1.810	.895				4.80	56.20	5.72		883.
77	1	25	1900	1.1	.076	.067	1.820	.657				3.00	54.70	5.84		868.
77	1	26	1900	1.1	.091	.070	1.790	.827				4.20	54.10	5.91		866.
77	1	27	1900	1.1	.149	.124	1.850	1.010				2.40	54.50	6.12		890.
77	1	28	1900	1.1	.100	.079	1.870	.942					51.80	6.09		866.
77	1	29	1900	1.1	.102	.077	1.890	.977				2.30	52.50	6.20		879.
77	1	30	1900	1.1	.097	.071	2.020	.996				4.20	51.80	6.39		872.
77	1	31	1300	1.0	.112	.081	2.070	.998					51.40	6.52		877.
77	2	7	1900	1.0	.197	.118	2.290	.739				11.80	47.70	8.70		842.
77	2	8	1900	1.0	.136	.101	2.390	.765				5.20	48.90	8.89		832.
77	2	9	1900	1.0	.149	.135	2.430	.727				3.90	49.40	8.49		822.
77	2	10	1900	1.0	.409	.318	2.080	1.390				1.80	109.00	7.74		1039.
77	2	10	2200	1.0	.273		2.080	1.620				6.20	110.00	7.76		1038.
77	2	11	100	1.1	.192		2.060	1.250				5.60	90.40	7.70		927.
77	2	11	400	1.1	.155		2.090	.931				4.50	77.60	7.50		870.
77	2	11	700	1.1	.142		2.110	.885				4.10	67.60	8.07		834.
77	2	11	1000	1.1	.159	.122	2.120	.783				5.30	79.00	8.32		879.
77	2	11	1300	1.1	.278	.128	2.080	.775				11.80	114.00	7.89		1045.
77	2	11	1600	1.1	.297	.217	2.000	1.230				16.90	128.00	7.52		1106.
77	2	11	1900	1.1	.317		2.220	1.220				8.20	122.00	7.73		1060.
77	2	11	2200	1.3	.284		2.380	1.290				11.10	110.00	7.08		999.
77	2	12	100	1.3	.250	.234	2.460	1.370				6.50	100.00	7.05		948.
77	2	12	400	1.3	.241	.199	2.510	1.260				5.40	93.10	8.19		915.
77	2	12	700	1.3	.261	.207	2.520	1.170				5.30	93.00	7.17		926.
77	2	12	1000	1.3	.302	.223	2.560	1.400				6.50	95.00	7.05		936.
77	2	12	1300	1.3	.306	.237	2.550	1.280				15.70	119.00	7.50		1058.
77	2	12	1600	1.3	.362	.267	2.610	1.270				10.30	107.00	7.27		957.
77	2	12	1900	1.3	.679	.256	2.670	1.140				15.80	105.00	6.47		920.
77	2	12	2200	1.3	.486	.473	3.470	1.520				19.60	133.00	5.93		1012.
77	2	13	100	1.8	.359	.345	3.170	1.040				13.90	109.00	5.99		858.
77	2	13	400	1.8	.372	.247	2.780	.768				11.80	86.30	6.43		772.
77	2	13	700	1.8	.408	.233	2.570	.592				13.80	76.80	6.11		689.
77	2	13	1000	1.8	.398	.246	2.550	.443				18.20	68.70	7.03		624.
77	2	13	1300	1.8	.259	.259	2.590	.488				15.50	68.40	6.75		614.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : HONEY CREEK

LOCATION W/CODE : AT MELMORE, OHIO USGS NO. 04197100

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	2	13	1600	1.8	.401	.287	3.090	.699				11.60	68.00	5.72		
77	2	14	400	2.4	.396	.258	3.200	.992				17.80	53.80	5.63		
77	2	15	100	3.7	.413	.289	3.370	.801				13.50	47.70	5.48		
77	2	16	100	5.0	.318	.227	3.380	.633				7.80	48.60	5.89		
77	2	17	100	8.4	.227	.151	2.600	1.250				5.20	72.10	7.67		
77	2	18	100	12.0	.247	.137	2.680	1.420				7.40	70.60	7.39		
77	2	19	100	19.0	.310	.167	2.530	1.520				6.60	94.80	7.79		
77	2	20	1900	22.0	.324	.190	3.090	1.520				9.90	85.90	6.91		
77	2	21	1900	17.0	.268	.161	3.550	.973		2.570		8.70	68.10	6.64		655.
77	2	22	100	21.0	.254	.164	3.520	.992		2.830		5.20	68.00	6.79		661.
77	2	22	700	21.0	.241	.156	3.410	.962		2.690		5.60	67.40	6.85		670.
77	2	22	1300	21.0	.264	.171	3.270	1.020		2.580		7.60	71.40	6.79		679.
77	2	22	1900	21.0	.445	.284	2.890	1.020		3.710		31.70	58.90	4.82		519.
77	2	23	100	113.2	.393	.220	2.660	.787		3.120		41.00	52.10	4.88		485.
77	2	23	700	123.5	.407	.220	2.410	.858		4.290		36.70	48.40	4.57		428.
77	2	23	1100	166.6	.451	.231	2.430	.808		3.720		51.00	47.20	4.48		416.
77	2	23	1400	255.2	.580	.227	2.430	.788		3.400		13.40	44.10	4.25		394.
77	2	23	1700	331.8	1.530	1.530	2.260	.571		3.670		226.00	39.00	3.77		353.
77	2	23	2000	473.4	.818	.196	2.170	.746		4.350		305.00	38.40	3.66		332.
77	2	23	2300	473.4	.651	.190	2.370	.500		3.300		214.00	37.70	3.56		307.
77	2	24	200	564.3	.569	.169	2.540	.441		3.000		165.00	34.50	3.40		296.
77	2	24	500	651.1	.571	.141	2.780	.418		2.980		191.00	34.50	3.55		292.
77	2	24	800	603.5	.478	.157	2.930	.436		2.770		123.00	34.20	3.62		289.
77	2	24	1100	708.1	.507	.156	3.110	.442		2.850		149.00	34.10	3.58		283.
77	2	24	1400	1043.0	.933	.127	3.430	.335		3.790		499.00	34.60	3.62		294.
77	2	24	1700	816.2	.482	.157	3.590	.412		2.400		142.00	34.50	3.72		279.
77	2	24	2000	735.2	.414	.156	3.760	.397		2.550		121.00	33.90	3.73		274.
77	2	24	2300	854.7	.402	.161	3.990	.412		2.270		97.40	34.20	3.79		283.
77	2	25	200	866.4	.400	.159	4.170	.396		2.330		94.80	34.50	3.88		270.
77	2	25	500	882.2	.367	.143	4.290	.391		2.140		74.70	34.90	3.95		273.
77	2	25	800	955.3	.352	.143	4.410	.532		2.020		67.80	35.40	4.27		274.
77	2	25	1100	998.4	.367	.133	4.460	.352		2.520		80.90	36.10	4.16		276.
77	2	25	1600	1129.4	.359	.122	4.320	.315		3.450		105.00	35.50	4.16		273.
77	2	25	1900	1190.8	.346	.121	4.630	.322		3.460		97.30	36.70	4.28		277.
77	2	25	2200	1244.7	.321	.112	4.830	.329		2.670		90.60	36.30	4.36		281.
77	2	26	100	1200.6	.287	.108	5.080	.313		.749		65.90	36.80	4.41		286.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : HONEY CREEK

LOCATION W/CODE : AT MELMORE, OHIO USGS NO. 04197100

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	2	26	400	1181.0	.271	.104	5.280	.310		1.710		57.40	36.90	4.52		293.
77	2	26	700	1134.0	.256	.101	5.460	.311		.660		53.70	37.00	4.93		297.
77	2	26	1000	1016.2	.252	.099	5.760	.245		1.100		40.60	37.60	4.83		304.
77	2	26	1300	955.3	.232	.092	5.910	.263		2.810		46.30	38.00	5.02		309.
77	2	26	1600	955.3	.229	.095	6.020	.234		.616		40.90	37.90	5.13		317.
77	2	26	1900	886.2	.222	.103	6.330	.254		.772		37.60	39.70	5.28		321.
77	2	26	2200	843.0	.227	.106	6.360	.240		.995		32.40	39.00	5.43		335.
77	2	27	100	851.4	.229	.112	6.470	.275		2.490		29.30	40.50	5.34		349.
77	2	27	400	870.3	.261	.118	6.410	.284		7.560		39.50	40.60	5.47		349.
77	2	27	700	839.1	.236	.117	6.500	.258		.627		41.40	40.60	5.46		357.
77	2	27	1000	808.5	.224	.109	6.810	.254		2.350		33.20	41.20	5.57		367.
77	2	27	1300	786.0	.227	.113	7.150	.260		1.940		36.30	41.70	5.71		376.
77	2	27	1600	760.0	.221	.111	7.400	.279		.805		30.50	42.30	5.79		387.
77	2	27	1900	733.9	.219	.111	7.630	.254		.980		26.30	43.20	5.81		393.
77	2	27	2200	697.2	.206	.110	7.680	.267		1.770		24.60	43.70	5.92		400.
77	2	28	100	644.2	.209	.109	7.990	.260		2.090		22.40	44.60	6.11		407.
77	2	28	400	600.2	.210	.105	8.070	.408		1.550		23.80	45.20	6.14		418.
77	2	28	700	564.3	.212	.106	8.100	.319		1.610		26.80	45.60	6.20		425.
77	2	28	1500	502.1	.221	.087	8.720	.263				27.70	45.30			424.
77	3	1	100	411.9	.203	.095	8.990	.253				23.30	46.20			444.
77	3	1	1300	253.0	.185	.079	8.560	.278				26.50	45.30			451.
77	3	2	100	242.3	.170	.069	8.700	.251				22.00	45.10			473.
77	3	2	1300	178.5	.164	.061	7.950	.226				19.60	43.30			477.
77	3	2	1900	198.4	.137	.060	7.930	.275		1.460		18.40	44.00	6.84	1.20	496.
77	3	3	1900	125.0	.126	.048	7.390	.258		1.170		16.50	42.90	6.94	1.10	509.
77	3	4	1900	270.5	.218	.092	6.420	.349		1.590		41.20	45.50	6.47	2.50	471.
77	3	5	1900	414.5	.228	.088	8.650	.383		2.120		38.80	48.10	6.56	3.00	454.
77	3	6	1900	298.3	.176	.070	9.900	.302		1.810		24.00	49.60	6.90	2.00	486.
77	3	7	1900	168.2	.112	.047	8.690	.241				13.30	48.00	7.80		533.
77	3	8	1900	123.5	.094	.038	7.710	.160				13.10	45.90	7.87		558.
77	3	9	1900	103.5	.086	.031	8.800	.137				12.40	45.10	8.62		585.
77	3	10	1900	98.1	.084	.031	6.190	.144				11.60	45.10	8.25		583.
77	3	11	1900	84.1	.087	.027	5.590	.119				13.30	44.20	7.16		584.
77	3	12	1900	77.2	.099	.034	5.360	.155				13.90	47.70	7.01		589.
77	3	13	1900	160.3	.154	.044	6.380	.162				27.60	52.50	7.20		578.
77	3	14	1300	213.8	.161	.045	6.590	.133				25.60	53.80	8.01		577.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : HONEY CREEK

LOCATION W/CODE : AT MELMORE, OHIO USGS NO. 04197100

SAMPLING DATE YR MO DY	TIME 24HR	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 3 14	1900	194.6		.055	7.410	.178				46.90	55.10	9.05	1.40	
77 3 15	1900	130.8	.109	.046	7.290	.084				25.10	53.60	8.87	1.10	575.
77 3 16	1900	91.7	.084	.033	6.390	.100				12.80	50.60	8.08	.80	603.
77 3 17	1900	70.6	.065	.033	5.560	.119				31.30	49.70	8.18	.90	620.
77 3 18	100	68.6	.092	.049	5.270	.129				27.10	52.50	6.81	6.40	622.
77 3 18	700	240.2	.331	.119	4.440	.174				150.00	38.90	6.59	7.50	453.
77 3 18	1300	593.6	.376	.114	4.880	.119				169.00	40.30	6.23	7.40	420.
77 3 18	1600	708.1	.336	.095	5.980	.124				149.00	37.20	7.12	7.40	373.
77 3 18	1900	778.6	.337	.096	6.600	.137				131.00	36.90	6.73	7.40	360.
77 3 18	2200	827.6	.341	.104	7.050	.200				92.40	35.90	6.35	6.50	348.
77 3 19	100	843.0	.313	.105	7.270	.203				78.50	35.50	6.28	5.70	348.
77 3 19	400	843.0	.288	.103	7.270	.211				82.10	35.90	5.99	5.40	356.
77 3 19	700	843.0	.278	.104	7.340	.217				60.30	36.10	6.41	5.70	351.
77 3 19	1000	843.0	.295	.106	7.510	.349				109.00	36.80	6.21		350.
77 3 19	1300	850.8	.345	.144	7.310	.268				50.90	36.00	7.05	5.40	342.
77 3 19	1600	862.5	.338	.138	7.620	.272				56.30	37.50	7.98	6.00	351.
77 3 19	1900	878.2	.342	.144	7.760	.276				59.50	37.60	8.01	6.20	344.
77 3 19	2200	890.2	.336	.138	8.020	.290				53.70	38.20	7.73	6.00	357.
77 3 20	100	890.2	.310	.137	8.130	.360				46.40	38.30	7.55	5.30	366.
77 3 20	400	876.2	.309	.119	8.140	.306				51.10	38.30	6.82	5.00	364.
77 3 20	700	854.7	.270	.125	8.400	.263				35.00	38.60	7.04	4.30	376.
77 3 20	1000	804.7	.271	.121	8.510	.256				31.20	38.80	8.67	4.00	386.
77 3 20	1300	752.5	.254	.104	8.600	.249				23.60	39.30	7.44	3.60	385.
77 3 20	1600	697.2	.235	.105	8.700	.255				22.10	39.40	8.70	3.40	395.
77 3 20	1900	651.1	.218	.103	8.690	.255				29.30	39.40	7.27	3.00	404.
77 3 20	2200	603.5	.205	.103	8.870	.217				27.90	40.10	7.58	2.80	418.
77 3 21	100	554.6	.196	.093	8.710	.200				23.50	39.90	8.87	2.60	428.
77 3 21	400	419.7	.164	.076	8.550	.195				25.30	41.10	7.53	2.00	456.
77 3 22	100	336.3	.155	.067	8.470	.133				22.10	41.70	9.13	2.00	468.
77 3 22	1300	517.2	.225	.080	7.230	.172				38.80	39.10	6.97	4.30	418.
77 3 22	2200	715.4	.335	.082	7.450	.167				47.90	36.00	8.67	8.10	378.
77 3 23	1400	767.4	.317	.063	7.940	.140				69.50	31.70	7.07	7.80	384.
77 3 24	400	912.3	.247	.059	8.710	.087				49.50	33.60	7.61	5.70	392.
77 3 24	1600	644.2	.206	.043	8.700	.127				36.10	34.50	6.79	4.40	423.
77 3 25	400	446.2	.170	.041	8.450	.090				32.60	34.90	7.76	3.30	450.
77 3 25	1600	337.1	.145	.033	8.310	.101				27.30	35.20	7.90	2.80	471.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : HONEY CREEK

LOCATION &/CODE : AT MELMORE, OHIO USGS NO. 04197100

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	3	26	400	297.8	.146	.034	7.640	.089				33.20	35.00	7.28	2.80	495.
77	3	26	1300	171.5	.120	.046	7.370	.089				23.20	35.70	7.71	1.90	509.
77	3	27	100	158.4	.107	.045	7.290	.130				17.60	36.20	6.82	1.60	526.
77	3	27	1300	139.6	.095	.040	7.010	.166				19.10	36.10	6.25	1.50	537.
77	3	28	100	127.9	.127	.046	6.770	.317				22.20	37.00	6.06	1.80	538.
77	3	28	1300	325.0	.226	.052	7.130	.350				52.40	36.50	6.33	4.80	472.
77	3	28	1700	379.2	.276	.074	6.370	.073				90.30	26.70	6.94	6.20	434.
77	3	29	500	499.1	.268	.097	6.960	.044				88.40	29.10	7.25	5.40	440.
77	3	29	1700	517.2	.260	.088	7.430	.050				68.50	30.90	7.55	5.20	443.
77	3	30	500	484.5	.208	.065	8.190	.061				69.60	32.20	8.96	4.10	457.
77	3	30	1700	406.8	.193	.062	7.940	.047				58.60	31.90	8.87	3.90	466.
77	3	31	500	281.2	.193	.060	7.410	.052				53.70	32.00	7.74	3.70	488.
77	3	31	1700	196.5	.130	.039	6.730	.052				34.60	32.70	7.13	2.00	511.
77	4	1	200	161.7	.122	.040	6.240	.061				27.50	32.40	7.93	1.90	528.
77	4	3	1600	898.2	.614	.118	5.540	.071				82.40	19.30	7.66	15.00	341.
77	4	3	1900	886.2	.565	.130	5.720	.152				68.50	19.20	9.64	19.00	337.
77	4	3	2200	886.2	.553	.112	6.030	.115				63.00	19.80	7.99	14.00	338.
77	4	4	100	886.2	.510	.117	6.250	.161				58.00	19.50	9.18	13.50	341.
77	4	4	400	894.2	.479	.102	6.430	.152				51.60	19.90	7.99	12.70	345.
77	4	4	700	894.2	.454	.092	6.460	.137				49.60	20.00	8.34	12.30	350.
77	4	4	1000	894.2	.443	.077	6.660	.086				57.10	20.50	8.25	11.70	357.
77	4	4	1300	862.5	.408	.077	6.660	.100				41.70	20.30	8.56	10.80	360.
77	4	4	1600	823.8	.369	.065	6.660	.057				39.40	20.40	9.02	9.70	365.
77	4	5	400	610.2	.288	.071	6.570	.120				34.90	21.80	8.50	6.80	396.
77	4	5	1600	462.7	.241	.045	6.100	.123				25.90	22.20	8.14	5.50	422.
77	4	6	400	364.7	.195	.042	6.050	.030				19.40	23.60	8.18	4.20	443.
77	4	6	1300	320.4	.190	.030	5.930	.010				16.50	24.60	8.43	4.00	461.
77	4	11	1900	99.1	.130	.055	4.230	.153				15.60	29.90	4.36	1.20	578.
77	4	12	1900	72.4	.081	.058	3.930	.182				11.90	30.50	3.82	.70	589.
77	4	13	1900	65.6	.074	.051	3.680	.072				11.20	30.40	3.58	.40	596.
77	4	14	1900	57.0	.058	.047	3.460	.129				12.00	30.50	3.48	.30	595.
77	4	15	1900	51.0	.059	.043	3.210	2.000				13.70	30.50	2.53	.30	601.
77	4	16	1900	46.6	.043	.037	3.020	.333				7.40	30.40	2.83	.10	606.
77	4	17	1900	43.3	.037	.034	3.030	.317				7.20	29.90	2.85	.10	614.
77	4	18	1900	42.5	.047	.034	3.110	.066				6.40	29.90	3.24	.10	626.
77	4	19	1900	41.0	.027	.019	2.900	.200				9.40	32.10		.40	609.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : HONEY CREEK

LOCATION W/CODE : AT MELMORE, OHIO USGS NO. 04197100

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	4	19	1900	38.6	.024	.012	2.030	.106				8.40	30.50		.20	608.
77	4	20	1900	37.8	.039	.020	2.310	.108				7.60	31.90		.40	607.
77	4	21	1900	38.6	.034	.018	1.670	.145				7.00	32.30		.30	614.
77	4	22	1900	74.9	.097	.032	3.220	.142				25.60	28.70		1.10	560.
77	4	23	1900	213.8	.224	.111	4.100	.330				68.50	32.40		2.30	495.
77	4	24	1900	336.3	.211	.077	7.000	.455				53.80	33.00		2.70	481.
77	4	25	1315	268.3	.175	.069	7.670	.314				26.90	33.00		1.90	499.
77	4	25	1900	246.5	.178	.073	6.520	.094				25.20	32.80	7.85	2.30	500.
77	4	26	1900	257.4	.144	.070	5.830	.524				15.30	31.90	6.54	1.70	507.
77	4	27	1900	211.8	.123	.056	5.930	1.770				17.00	32.80	5.99	1.50	519.
77	4	28	1900	153.6	.092	.052	5.650	.096				15.70	32.30	6.35	1.80	549.
77	4	29	1900	152.0	.096	.054	4.800	.067				14.00	31.90	5.25	1.00	545.
77	4	30	1900	129.4	.091	.051	4.580	.116				16.10	31.50	4.87	1.10	541.
77	5	1	1900	96.7	.072	.043	4.190	.096				13.80	31.60	4.92	.70	547.
77	5	2	1300	91.7	.068	.034	3.960	.111				18.60	31.30	3.37	.60	575.
77	5	2	1900	96.7	.096	.024	3.370	.157				5.30	30.00	2.07	.40	568.
77	5	3	1900	114.7	.078	.039	2.820	.120				7.00	29.90	2.88	.40	562.
77	5	4	1300	302.7	.251	.091	3.500	.099				55.60	25.40	3.72	3.80	485.
77	5	4	1600	432.8	.363	.126	4.170	.121				82.70	24.80	4.60	5.70	451.
77	5	4	1900	583.6	.382	.096	5.110	.139				142.00	23.60	5.19	7.80	435.
77	5	4	2200	627.1	.399	.101	7.480	.105				109.00	24.40	6.00	8.10	524.
77	5	5	100	627.1	.365	.108	8.160	.100				74.60	23.50	6.21	7.30	404.
77	5	5	400	620.2	.345	.105	8.580	.078				57.60	23.60	6.70	6.90	405.
77	5	5	700	603.5	.312	.093	8.480	.113				53.30	24.90	6.78	5.80	408.
77	5	5	1000	603.5	.311	.088	8.850	.170				56.10	25.60	6.80	5.60	426.
77	5	5	1300	627.1	.337	.099	9.130	.150		7.010		56.90	25.30	5.60		422.
77	5	5	1600	644.2	.343	.106	9.560	.157		7.280		55.20	25.50	6.60		421.
77	5	5	1900	644.2	.325	.097	10.300	.120				58.40	26.00	7.56	6.10	428.
77	5	5	2200	644.2	.311	.091	10.600	.115				58.70	26.40	7.93	5.80	439.
77	5	6	100	639.1	.294	.086	10.400	.083				47.70	26.20	7.94	5.30	443.
77	5	6	400	623.7	.274	.084	10.600	.277				41.50	26.90	8.17	4.80	447.
77	5	6	700	603.5	.262	.080	10.600	.139				43.40	27.20	8.29	4.40	452.
77	5	6	1000	567.5	.253	.081	10.500	.140				39.50	27.80	8.43	3.90	463.
77	5	6	1300	526.4	.225	.091	10.400	.131				68.80	28.30	8.48	3.20	445.
77	5	7	100	255.0	.169	.081	9.060	.194				.50	29.00	8.27	1.90	426.
77	5	7	1300	255.0	.144	.081	7.880	.087				34.60	29.10	7.99	1.40	480.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : HONEY CREEK

LOCATION W/CODE : AT MELMORE, OHIO USGS NO. 04197100

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 5 8	1[illegible]	122.[illegible]	.122	.065	6.960	.095				776.00	29.20	7.22	.90	508.
77 5 [illegible]	1300	122.0	.108	.063	6.320	.068				20.90	29.50	7.02	.70	523.
77 5 [illegible]	1[illegible]	71.0	.105	.057	5.790	.047				18.60	29.90	6.00	.80	549.
77 5 9	1300	71.0	.088	.045	5.160	.053				10.70	29.70	5.57	.60	559.
77 5 [illegible]	1900	71.0	.090	.041	4.240	.020				11.50	29.50	4.98	.30	586.
77 5 10	1900	51.0	.069	.039	3.980	.062				10.70	29.30	5.32	.30	610.
77 5 11	1900	39.0	.054	.037	3.710	.056				12.70	29.30	4.11	.20	615.
77 5 12	1900	31.0	.036		3.650	.051				5.20	30.10	3.49	.10	615.
77 5 13	1900	27.0	.034		3.500	.048				4.20	29.60	4.13		610.
77 5 14	1900	24.0	.040	.024	3.310	.041				6.80	29.50	3.55	.10	620.
77 5 15	1900	21.0	.057	.039	3.400	.010				11.00	29.80	3.81	.10	632.
77 5 16	1300	18.0	.072	.054	3.260	.028				8.50	29.60	3.97	.20	648.
77 5 16	1900	18.0	.067	.022	2.720	.054				7.00	37.90	1.75	.23	633.
77 5 17	1900	16.0	.069	.021	2.310	.107				7.60	37.40	1.65	.30	626.
77 5 18	1900	16.0	.067	.019	2.370	.060				8.80	34.10	1.93	.30	630.
77 5 19	1900	13.0	.073	.020	2.320	.148				8.00	36.70	1.98	.40	638.
77 5 20	1900	11.[illegible]	.075	.025	2.250	.089				8.30	35.70	1.98	.30	654.
77 5 21	1900	10.[illegible]	.082	.029	2.060	.076				8.60	34.10	2.33	.30	657.
77 5 22	1900	9.6	.123	.042	2.090	.140				10.50	37.60	2.80	.40	666.
77 5 23	1300	9.6	.111	.034	2.150	.120				6.00	39.60	2.72	.40	664.
77 5 [illegible]	1900	9.6	.115	.068	1.190	.116		1.290		6.70	35.90	3.23	.20	650.
77 5 24	1900	9.5	.105	.070	1.580	.059				7.10	32.70	3.62	.60	655.
77 5 25	1900	9.1	.115	.076	1.260	.087				10.30	35.80	3.41	.50	660.
77 5 26	1900	9.0	.119	.081	1.230	.092				8.00	35.50	3.52	.70	668.
77 5 27	1900	8.1	.110	.086	1.200	.110				6.10	35.50	3.65	.60	669.
77 5 28	1900	7.6	.112	.088	1.190	.090				4.00	35.30	3.47	.60	656.
77 5 29	1900	6.6	.110	.085	1.210	.078				.30	36.20	3.90	.60	659.
77 5 3[illegible]	1300	6.0	.101	.077	1.290	.174		.370		3.10	34.10	3.45	.70	668.
77 5 31	1900	5.8	.129	.064	1.130	.176		.780		10.30	32.90	3.79	.50	646.
77 6 [illegible]	1900	5.8	.095	.068	1.250	.123				3.60	30.10	4.29	.40	648.
77 6 [illegible]	1900	5.6	.090	.066	1.380	.116				2.80	28.70	4.13	.40	650.
77 6 3	1900	8.3	.394	.057	1.650	.102				7.00	28.80	4.45	.60	668.
77 6 4	1900	7.9	.111	.015	1.050	.118				10.80	31.90	3.88	.60	680.
77 6 5	1900	7.1	.128	.048	1.250	.135		.576		4.20	32.00	4.35	.60	693.
77 6 6	1900	7.0	.113	.084	1.300	.082		.476		8.20	36.40	4.74	.40	694.
77 6 7	1900	6.4	.086		1.340	.134				14.40	36.50	4.30	.40	697.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : HONEY CREEK

LOCATION W/CODE : AT MELMORE, OHIO USGS NO. 04197100

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	6	8	1900	6.0	.218	.121	1.510	.138				20.80	38.90	4.01	.70	702.
77	6	9	1900	7.0	.131	.080	1.310	.136				20.70	37.10	4.84	.70	680.
77	6	10	1900	7.4	.120	.063	1.250	.114				19.70	36.20	4.63	.60	672.
77	6	11	1900	14.0	.159	.084	1.510	.121				25.00	39.60	4.01	.80	698.
77	6	12	1900	11.0	.134	.068	2.240	.106				17.10	38.60	5.58	.70	719.
77	6	13	1300	8.2	.130	.069	2.460	.059		.909		13.10	38.50	6.44	.50	720.
77	6	13	1900	8.2	.158	.107	2.870	.016		.820		11.30	37.90	5.42	.70	648.
77	6	14	1900	7.1	.115	.096	2.210	.044				9.10	37.60	5.19	.60	674.
77	6	15	1900	6.3	.104	.092	2.270	.110				10.10	41.70	4.48	.50	667.
77	6	16	1900	6.0	.100	.081	3.470	.052				12.50	35.60	5.29	.50	646.
77	6	17	1900	5.5	.113	.079	3.990	.079				9.70	35.30	5.28	.60	639.
77	6	18	1900	5.1	.102	.066	4.450	.062				11.00	32.30	6.13	.60	632.
77	6	19	1900	4.7	.089	.059	3.880	.044				12.10	31.70	6.23	.60	627.
77	6	20	1300	4.1	.121	.074	3.490	.101		.800		12.40	33.20	6.11	.50	636.
77	6	20	1900	4.1	.113	.070	2.970	.025				15.10	32.70	6.27	.40	622.
77	6	21	1900	3.8	.095	.064	2.570	.051				9.40	32.00	6.39	.20	626.
77	6	22	1900	3.6	.083	.056	2.300	.053				6.40	31.10	6.37	.20	622.
77	6	23	1900	3.7	.074	.070	1.760	.078				7.50	34.60	5.22	.10	615.
77	6	24	1900	3.8	.104	.094	1.530	.128				4.60	37.90	5.24	.20	628.
77	6	25	1900	3.9	.106	.072	1.510	.136				7.90	33.10	5.21	.20	609.
77	6	26	1900	3.8	.117	.088	1.370	.100				8.40	36.50	5.07	.30	608.
77	6	27	1300	3.5	.186	.122	1.400	.403				7.20	39.10	5.30	.30	655.
77	6	27	1900	3.5	.119	.073	1.630	.252				5.10	29.20	8.20	.80	600.
77	6	28	1900	3.0	.130	.095	1.670	.192				7.20	30.60	6.58	.30	613.
77	6	29	1900	3.4	.095	.054	1.330	.073				7.10	24.00	8.03	.30	582.
77	6	30	1900	4.1	.092	.085	2.400	.250				6.20	41.00	6.79	.20	595.
77	7	[illegible]	100	31.1	.612	.156	3.800	.544				301.00	31.70	7.12	13.80	542.
77	7	1	700	59.9	.295	.074	5.150	.119					24.90	7.87	6.40	508.
77	7	1	1000	111.8	.421	.161	6.500	.132		1.700		174.00	30.30	5.93	5.70	512.
77	7	1	1300	136.7	.875	.164	8.900	.139		2.650		574.00	34.70	6.01	25.30	518.
77	7	1	1600	161.7	.983	.075	11.600	.130		3.540		1004.00	28.70	6.14	44.80	446.
77	7	1	1900	161.7	.945	.075	15.000	.118		3.960		812.00	27.70	6.65	36.80	445.
77	7	1	2200	161.7	.648	.086	19.000	.102		3.110		478.00	33.50	7.44	21.50	521.
77	7	2	100	163.3	.515	.079	19.700	.236		3.220		431.00	34.00	7.61	20.50	524.
77	7	2	400	198.4	.581	.101	17.700	.152		2.900		351.00	33.60	7.77	16.50	549.
77	7	2	700	231.9	.637	.102	16.600	.156		2.750		375.00	31.90	7.73	18.20	517.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : HONEY CREEK

LOCATION W/CODE : AT MELMORE, OHIO USGS NO. 04197100

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	7	2	1000	255.2	.723	.093	14.700	.138		2.750		494.00	29.80	7.43	24.40	430.
77	7	2	1300	270.5	.702	.085	15.000	.141		2.560		480.00	29.90	6.60	23.60	420.
77	7	2	1600	279.0	.614	.089	16.600	.125		2.990		393.00	29.30	7.37	19.20	431.
77	7	2	1900	281.2	.528	.096	17.800	.111		2.950		293.00	29.40	7.86	15.20	426.
77	7	2	2200	274.8	.464	.092	17.400	.073		1.880		242.00	30.10	8.24	12.40	461.
77	7	3	100	261.7	.411	.087	17.900	.091		2.620		165.00	29.70	8.11	10.30	474.
77	7	3	400	242.3	.379	.086	18.800	.049		2.380		145.00	29.80	8.55	9.00	485.
77	7	3	700	219.7	.354	.086	18.700	.071		2.190		131.00	30.10	9.07	7.90	498.
77	7	3	1000	198.4	.331	.090	18.500	.080		1.540		125.00	30.70	9.46	7.20	506.
77	7	3	1300	175.0	.320	.090	18.700	.074		2.110		145.00	30.80	9.25	6.70	506.
77	7	3	1600	156.7	.315	.091	18.400	.085		1.620		114.00	31.20	9.41	6.40	515.
77	7	3	1900	141.2	.302	.081	18.500	.052		2.340		1.70	31.90	9.64	6.00	521.
77	7	3	2200	125.0	.300	.084	18.400	.059		1.700		113.00	32.30	9.87	6.00	526.
77	7	4	100	113.2	.283	.092	16.800	.134		2.330		92.70	32.30	8.15	5.60	532.
77	7	4	400	100.8	.266	.091	16.700	.110		2.270		84.30	32.10	8.54	4.90	535.
77	7	4	700	92.9	.266	.082	17.200	.171		1.610		83.40	32.70	9.34	4.80	535.
77	7	4	1300	77.2	.254	.087	17.200	.031		1.850		81.00	31.20	12.80	4.60	535.
77	7	4	1600	71.6	.225	.084	16.300	.058		1.780		92.30	31.30	11.80	4.10	553.
77	7	4	1900	65.6	.324	.084	15.900	.038		2.430		78.60	31.90	11.30	3.90	561.
77	7	4	2200	62.6	1.430	.055	9.870	.080		5.520		1626.00	22.40	8.27	62.20	408.
77	7	5	1300	623.7	1.330	.052	7.410	.157		4.770		1380.00	11.30	6.20	56.90	405.
77	7	5	1600	644.2	1.060	.057	7.620	.135		3.920		980.00	10.90	5.77	43.90	209.
77	7	5	1900	647.7	.833	.069	8.360	.109		5.030		637.00	13.70	6.04	32.60	248.
77	7	5	2200	651.1	.759	.068	8.840	.122		3.400		549.00	15.40	6.19	28.70	270.
77	7	6	100	637.4	.765	.066	8.350	.133		3.060		535.00	13.60	6.05	29.30	251.
77	7	6	400	637.4	.730	.062	8.060	.129		4.680		531.00	13.00	8.02	28.00	243.
77	7	6	700	637.4	.678	.061	7.940	.098		2.830		532.00	13.30	7.00	25.90	244.
77	7	6	1000	644.2	.620	.064	8.010	.105		2.750		388.00	13.90	8.30	23.00	252.
77	7	6	1300	637.4	.572	.063	8.320	.086		2.940		434.00	14.50	7.71	20.50	262.
77	7	6	1600	630.5	.541	.064	8.700	.088		2.750		267.00	15.20	8.20	18.90	281.
77	7	6	1900	606.8	.502	.066	9.060	.076		2.890		192.00	15.70	8.77	17.20	285.
77	7	6	2200	573.9	.462	.068	9.360	.095		3.060		228.00	16.50	9.42	15.30	299.
77	7	7	100	532.7	.421	.072	9.570	.074		2.450		162.00	16.90	9.80	13.50	312.
77	7	7	400	476.2	.393	.070	9.370	.074		2.620		197.00	17.00	7.92	12.10	320.
77	7	7	700	417.1	.379	.073	9.730	.077		2.680		114.00	117.00	8.97	11.30	334.
77	7	7	1000	362.2	.363	.073	9.630	.057		2.560		153.00	17.90	11.60	10.50	340.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : HONEY CREEK

LOCATION W/CODE : AT MELMORE, OHIO

USGS NO. 04197100

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	7	7	1300	311.4	.407	.059	9.930	.010		2.250		87.00	19.40	8.26	10.10	352.
77	7	7	1600	272.6	.371	.086	9.500	.041				128.00	19.80	9.60	9.00	361.
77	7	7	1900	249.7	.516	.087	8.910	.010				224.00	19.80	8.88	13.60	356.
77	7	7	2200	309.2	.735	.074	8.510	.069				418.00	18.70	8.45	25.10	339.
77	7	8	100	270.5	.663	.088	8.050	.058				400.00	19.30	8.61	20.70	341.
77	7	8	400	272.6	.545	.102	8.400	.072				224.00	20.40	9.01	15.60	369.
77	7	8	700	309.2	.510	.079	7.970	.048				274.00	20.60	9.68	15.90	396.
77	7	8	1000	318.1	.734	.085	8.050	.081				341.00	19.00	9.34	26.60	359.
77	7	8	1300	315.9	.693	.064	7.860	.414				243.00	18.70	8.60	23.90	347.
77	7	8	1600	300.5	.552	.083	7.510	.064				345.00	19.30	9.60	17.80	350.
77	7	8	1900	300.5	.545	.078	7.240	.063				175.00	19.90	9.46	17.10	358.
77	7	8	2200	300.5	.482	.083	7.050	.070				168.00	19.70	9.73	14.80	358.
77	7	9	100	307.1	.475	.085	7.080	.035				189.00	19.40	9.32	13.70	366.
77	7	9	400	311.4	.599	.085	6.660	.058				172.00	17.90	9.20	18.40	329.
77	7	9	700	313.6	.595	.075	6.360	.038				313.00	17.00	8.63	19.10	310.
77	7	9	1000	311.4	.558	.087	6.450	.072				245.00	18.90	8.22	17.40	323.
77	7	9	1300	298.3	.517	.084	6.610	.053				249.00	19.80	8.83	15.60	333.
77	7	9	1600	281.2	.502	.084	6.780	.066				242.00	19.70	9.18	14.70	338.
77	7	9	1900	257.4	.460	.088	6.960	.064				174.00	19.80	9.20	13.00	349.
77	7	9	2200	236.1	.408	.084	6.950	.054				157.00	20.00	9.66	11.50	367.
77	7	10	100	213.8	.378	.085	7.040	.059				127.00	20.60	10.20	9.80	382.
77	7	10	400	194.6	.361	.085	7.060	.072				111.00	20.90	10.60	9.00	391.
77	7	10	700	176.8	.349	.079	7.090	.077				142.00	21.10	10.40	8.50	398.
77	7	10	1000	160.0	.335	.080	6.990	.076				98.00	21.10	10.70	7.90	404.
77	7	10	1330	145.8	.344	.080	6.960	.071				103.00	21.10	10.40	7.90	401.
77	7	10	1600	134.0	.317	.074	6.810	.074				115.00	21.20	10.80	7.10	407.
77	7	11	1900	121.0	.316	.079	6.900	.074				73.60	21.60	10.40	6.80	416.

SANDUSKY RIVER
NEAR
MEXICO, OHIO

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR MEXICO, OHIO USGS NO. 04197000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	1	1	1215	3244.0	.420	.090	4.800	.180				290.00	27.00			402.
76	1	2	1215	2153.0	.340	.080	5.900	.110				95.60	28.00			440.
76	1	3	1215	1854.0	.200	.080	6.000	.120				65.40	28.00			442.
76	1	4	1215	1902.0	.260	.080	6.500	.140				57.80	30.00			520.
76	1	5	615	1454.0	.350	.070	6.350	.125				101.00	30.00			513.
76	1	5	1655	994.0	.150	.080	6.800	.160				53.10	32.00			533.
76	1	5	1655	994.0	.260	.080	6.700	.140				44.60	31.00			527.
76	1	5	1655	954.0	.224	.100	5.500	.110				69.00	30.00		9.96	670.
76	1	6	1655	674.0	.178	.040	4.500	.080				27.50	28.00		11.20	849.
76	1	7	1655	702.8	.140	.090	6.500	.150				30.30	34.00		6.38	628.
76	1	8	1655	790.0	.137	.090	6.500	.130				24.10	33.00		5.91	637.
76	1	9	1655	770.0	.139	.040	5.900	.080				29.50	32.00		7.12	746.
76	1	10	1655	770.0	.132	.030	5.900	.080				22.10	33.00		3.19	752.
76	1	11	1655	688.4		.030	6.000	.120					34.00		.13	
76	1	12	1055	582.8		.060	5.300	.240					38.00		.14	
76	1	14	1640	834.0	.180	.050	4.000	.170		.937		38.90	45.00			845.
76	1	15	1640	970.0	.214	.100	3.100	.560		1.400		20.90	45.00			682.
76	1	16	1640	1093.5	.241	.130	2.900	.550		1.280		15.20	48.00			642.
76	1	17	1840	758.0	.190	.090	2.900	.400		.957		20.80	45.00			591.
76	1	18	1640	582.8	.164	.070	2.900	.280		.996		7.70	44.00			613.
76	1	19	1040	518.8	.094	.080	3.100	.260		.792		10.30	44.00			640.
76	1	27	1200	4754.0	.557	.140	2.200	.700				240.00	23.00			258.
76	1	27	1800	4530.0	.557	.160	2.100	.700				220.00	18.00			260.
76	1	27	2400	4594.0	.503	.140	2.300	.580				190.00	22.00			256.
76	1	28	600	4706.0	.479	.150	2.300	.580				155.00	22.00			256.
76	1	28	1200	4600.0	.433	.120	2.400	.450				152.00	21.00			254.
76	1	28	1800	4600.0	.410	.120	2.400	.370				131.00	21.00			254.
76	1	28	2400	4600.0	.396	.120	2.500	.360				130.00	21.00			259.
76	1	29	600	3200.0	.377	.140	2.600	.440				83.60	21.00			265.
76	1	29	1200	3200.0	.347	.130	2.700	.360				88.70	20.00			271.
76	1	29	1800	3200.0	.332	.160	2.800	.470				71.80	20.00			279.
76	1	29	2400	3200.0	.313	.140	2.900	.380				71.10	20.00			291.
76	1	30	600	1200.0	.308	.150	3.100	.400				60.10	20.00			305.
76	1	30	1200	1200.0	.284	.140	3.200	.280				57.90	20.00			339.
76	1	30	1800	1200.0	.278	.150	3.400	.350				47.40	20.00			345.
76	1	30	2400	1200.0	.244	.130	3.500	.430				44.90	21.00			372.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR MEXICO, OHIO USGS NO. 04197000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO+2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	1	31	600	700.0	.224	.140	3.600	.350				30.30	22.00			403.
76	1	31	1200	700.0	.203	.120	3.600	.270				23.80	23.00			426.
76	1	31	1800	700.0	.182	.120	3.700	.280				20.80	24.00			449.
76	1	31	2400	700.0	.166	.100	3.700	.190				20.50	24.00			474.
76	2	1	600	460.0	.160	.100	3.700	.270				16.40	25.00			498.
76	2	1	1200	460.0	.150	.100	3.700	.240				23.40	25.00			511.
76	2	1	1800	460.0	.152	.100	3.700	.260				17.50	26.00			530.
76	2	1	2400	460.0	.139	.090	3.800	.160				17.90	26.00			545.
76	2	2	600	400.0	.130	.090	3.900	.260				15.80	27.00			557.
76	2	2	1200	400.0	.103	.080	3.700	.220				17.10	26.00			562.
76	2	2	1700	400.0	.126	.080	3.800	.280				14.80	25.00			577.
76	2	2	2300	400.0	.127	.080	3.700	.260				14.70	25.00			587.
76	2	3	500	411.0	.127	.070	3.700	.270				14.00	25.00			601.
76	2	3	1100	411.0	.127	.070	3.600	.250				11.40	25.00			606.
76	2	3	1700	411.0	.126	.070	3.500	.240				3.90	25.00			617.
76	2	4	1700	340.0	.122	.060	3.600	.250				7.70	27.00			666.
76	2	5	1700	320.0	.118	.100	3.500	.280				2.30	30.00			725.
76	2	6	1700	300.0	.120	.120	3.200	.280				.30	29.00			737.
76	2	7	1700	290.0	.130	.130	3.100	.240				2.40	29.00			767.
76	2	8	1700	280.0	.120	.120	2.900	.220				4.10	29.00			784.
76	2	9	1100	300.0	.140	.140	2.900	.300				2.70	31.00			800.
76	2	9	1800	300.0	.111	.060	2.600	.300				10.90	29.00			762.
76	2	9	2400	300.0	.113	.060	2.600	.300				7.10	29.00			772.
76	2	10	600	900.0	.117	.060	2.600	.250				9.20	29.00			773.
76	2	10	1200	900.0	.117	.070	2.500	.320				7.60	30.00			774.
76	2	10	1800	900.0	.118	.060	2.400	.240				6.60	29.00			772.
76	2	10	2400	900.0	.168	.080	2.300	.320				20.70	28.00			722.
76	2	11	600	2000.0	.240	.070	1.900	.360				106.00	25.00			637.
76	2	11	1200	2000.0	.426	.130	1.600	1.000				196.00	20.00			563.
76	2	11	1800	2000.0	.466	.170	1.700	1.000				169.00	21.00			351.
76	2	11	2400	2000.0	.619	.300	1.800	1.000				175.00	24.00			297.
76	2	12	600	2900.0	.453	.200	2.100	1.000				155.00	22.00			334.
76	2	12	1200	2900.0	.448	.170	2.400	1.000				158.00	19.00			309.
76	2	12	1800	2900.0	.424	.170	2.200	.940				141.00	28.00			330.
76	2	12	2400	2900.0	.387	.150	2.100	.780				128.00	24.00			309.
76	2	13	600	1900.0	.343	.120	2.100	.720				131.00	22.00			298.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR MEXICO, OHIO USGS NO. 04197000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	2	13	1200	1900.0	.340	.120	2.200	.590				110.00	20.00			297.
76	2	13	1800	1900.0	.340	.120	2.200	1.000				128.00	19.00			289.
76	2	13	2400	1900.0	.367	.110	2.200	.490				143.00	18.00			286.
76	2	14	600	2100.0	.337	.100	2.400	.410				135.00	17.00			290.
76	2	14	1200	2100.0	.311	.110	2.700	.460				120.00	17.00			302.
76	2	14	1800	2100.0	.302	.100	2.900	1.000				109.00	17.00			316.
76	2	14	2400	2100.0	.299	.100	3.000	.380				95.50	18.00			337.
76	2	15	600	1400.0	.265	.100	3.100	1.000				98.60	18.00			352.
76	2	15	1200	1400.0	.265	.090	3.200	1.000				102.00	18.00			368.
76	2	15	1800	1400.0	.268	.080	3.200	.950				122.00	19.00			377.
76	2	15	2400	1400.0	.267	.080	3.200	.310				121.00	19.00			390.
76	2	16	600	5000.0	.289	.060	3.300	.180				155.00	19.00			399.
76	2	16	1200	5000.0	.297	.070	3.600	.200				158.00	20.00			398.
76	2	16	1800	5000.0	.500	.060	4.100	.390		1.520		336.00	22.00			401.
76	2	17	100	9000.0	1.160	.060	3.800	.230				927.00	21.00			347.
76	2	17	700	9000.0	1.420	.060	3.700	.270				1128.00	20.00			309.
76	2	17	1300	9000.0	1.390	.060	3.700	.660				1042.00	19.00			285.
76	2	17	1900	9000.0	1.340	.060	3.800	.280		3.160		1047.00	17.00			270.
76	2	18	100	11000.	1.290	.060	3.900	.290				976.00	18.00			272.
76	2	18	700	11000.	1.250	.060	4.100	.300				937.00	18.00			279.
76	2	18	1300	11000.	1.230	.050	4.100	2.000				949.00	18.00			280.
76	2	18	1900	11000.	1.200	.050	4.200	.340		2.420		903.00	18.00			286.
76	2	19	100	6000.0	1.140	.050	4.300	.240				1002.00	18.00			286.
76	2	19	700	6000.0	1.060	.050	4.400	.600				841.00	18.00			287.
76	2	19	1300	6000.0	.986	.050	4.400	.210				794.00	19.00			289.
76	2	19	1900	6000.0	.937	.050	4.600	.260		3.620		684.00	19.00			291.
76	2	20	100	3500.0	.865	.050	4.800	.240				568.00	19.00			297.
76	2	20	700	3500.0	.761	.050	5.000	.260				485.00	19.00			307.
76	2	20	1300	3500.0	.659	.050	5.300	.160				402.00	20.00			320.
76	2	20	1900	3500.0	.575	.050	5.400	.200		1.670		342.00	21.00			334.
76	2	21	100	2700.0	.571	.050	5.500	.380				295.00	21.00			344.
76	2	21	700	2700.0	.474	.050	5.600	2.000				246.00	21.00			356.
76	2	21	1300	2700.0	.468	.050	5.600	.140				231.00	22.00			365.
76	2	21	1900	2700.0	.456	.050	5.400	.230		1.380		242.00	22.00			376.
76	2	22	100	5000.0	.477	.050	5.100	.140				295.00	22.00			378.
76	2	22	700	5000.0	.560	.050	5.000	.180				346.00	23.00			380.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR MEXICO, OHIO USGS NO. 04197000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	2	22	1300	5000.0	.515	.060	5.100	.190				339.00	22.00			383.
76	2	22	1900	5000.0	.535	.050	5.000	.180		1.460		344.00	22.00			379.
76	2	23	100	2800.0	.521	.040	4.800	2.000				324.00	23.00			377.
76	2	23	700	2800.0	.488	.060	4.700	.170				303.00	23.00			378.
76	2	23	1300	2800.0	.450	.060	4.600	.230		1.350		265.00	22.00			378.
76	2	23	1900	2800.0	.414	.040	4.900	.090				224.00	23.00			381.
76	2	24	1900	2000.0	.297	.050	5.100	.070				149.00	23.00			419.
76	2	25	1000	1500.0	.245	.040	4.800	.050				115.00	24.00			485.
76	2	26	1900	1300.0	.231	.040	4.500	.050				98.80	25.00			520.
76	2	27	1900	1000.0	.216	.050	4.400	.060				87.20	26.00			552.
76	2	28	1900	850.0	.126	.040	4.200	.060				59.20	26.00			549.
76	2	29	1900	700.0	.171	.040	4.000	.060				59.90	27.00			585.
76	3	1	1300	540.0	.174		4.000					94.90				634.
76	3	2	1300	430.0	.134		3.000					40.50				648.
76	3	3	1300	411.0	.121		3.000					34.90				668.
76	3	3	1900	411.0	.133		4.000					39.80				666.
76	3	4	100	1620.0	.177		4.000					69.50				668.
76	3	4	700	1620.0	.270		4.000					150.00				651.
76	3	4	1300	1620.0	.379		3.000					248.00				640.
76	3	4	1900	1620.0	1.040		5.000					771.00				462.
76	3	5	100	4350.0	.999		5.000					681.00				408.
76	3	5	700	4350.0	.892		6.000					611.00				412.
76	3	5	1300	4350.0	.910		6.000					592.00				376.
76	3	5	1900	4350.0	.928		17.000					523.00				365.
76	3	6	100	4920.0	.879		9.000					548.00				356.
76	3	6	700	4920.0	.859		7.000					547.00				336.
76	3	6	1300	4920.0	.828		5.000					506.00				328.
76	3	6	1900	4920.0	.755		6.000					450.00				326.
76	3	7	100	4270.0	.689		6.000					379.00				339.
76	3	7	700	4270.0	.613		6.000					323.00				346.
76	3	7	1300	4270.0	.564		6.000					196.00				358.
76	3	7	1900	4270.0	.535		5.000					250.00				369.
76	3	8	100	2240.0	.504		4.000					165.00				378.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR MEXICO, OHIO USGS NO. 04197000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	3	8	700	2240.0	.453		4.000					212.00				390.
76	3	8	1900	2240.0	.328	.050	4.000	.160		1.300		108.00	23.00		18.40	443.
76	3	9	1900	1090.0	.254	.040	3.900	.050		.860		78.20	26.00		8.60	520.
76	3	10	1900	724.0	.200	.060	3.800	.090		.660		51.90	27.00		5.40	577.
76	3	11	1900	568.0	.159	.060	3.600	.100		.630		38.20	28.00		3.00	585.
76	3	12	1900	504.0	.150	.050	3.400	.140		.530		29.20	29.00		1.60	641.
76	3	13	1900	506.0	.139	.050	3.200	.110		.560		34.10	31.00		.90	662.
76	3	14	1900	760.0	.142	.060	2.900	.090		.500		38.10	32.00			656.
76	3	15	1300	787.0	.298	.030	3.200	.200		1.210		73.10	32.00			605.
76	3	15	1900	531.0	.213	.020	3.000	.140				77.60	28.00		4.50	602.
76	3	16	1900	464.0	.193	.050	2.900	.140				82.90	26.00		5.60	563.
76	3	17	1900	464.0	.149	.040	3.200	.090				54.50	26.00		3.60	606.
76	3	18	1900	420.0	.126	.030	3.100	.100				28.80	31.00		1.90	657.
76	3	19	1900	441.0	.113	.030	2.900	.200				30.30	29.00		1.50	670.
76	3	20	1900	506.0	.128	.030	2.800	.160				38.50	38.00		2.10	702.
76	3	21	1300	998.0	.143	.030	2.800	.260				56.70	30.00		2.90	676.
76	3	21	1900	998.0	.254	.010	2.700	.160				137.00	28.00		7.30	567.
76	3	22	100	2090.0	.511	.040	2.900	.210				300.00	28.00		25.00	567.
76	3	22	700	2090.0	.513	.030	2.000	.230				320.00	21.00		27.00	550.
76	3	22	1300	2090.0	.733	.050	3.100	.150				545.00	24.00		45.00	490.
76	3	22	1900	2090.0	.807	.060	3.300	.040				49.40	28.00			463.
76	3	23	100	1710.0	.762	.050	3.200	.040				488.00	25.00			440.
76	3	23	700	1710.0	.726	.050	3.200	.050				437.00	24.00			425.
76	3	23	1300	1710.0	.643	.040	3.300	.030				415.00	23.00			430.
76	3	23	1900	1710.0	.634	.040	3.400	.100				349.00	22.00			426.
76	3	24	100	866.0	.524	.050	3.700	.050				333.00	23.00			436.
76	3	24	700	866.0	.450	.040	3.800	.080				280.00	23.00			455.
76	3	24	1300	866.0	.383	.040	3.800	.050				169.00	23.00			465.
76	3	24	1900	866.0	.383	.040	3.700	.030				172.00	24.00			486.
76	3	25	100	584.0	.320	.030	3.600	.020				119.00	24.00			503.
76	3	25	700	584.0	.294	.030	3.500	.020				124.00	24.00			521.
76	3	25	1300	584.0	.254	.030	3.500	.090				98.00	25.00			548.
76	3	25	1900	584.0	.234	.030	3.400	.030				93.60	26.00			556.
76	3	26	1900	483.0	.191	.020	3.200	.010				91.90	26.00			600.
76	3	27	1900	432.0	.176	.030	2.900					64.80	27.00			630.
76	3	28	1900	458.0	.152	.020	2.500					62.90	28.00			658.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION #/CODE : NEAR MEXICO, OHIO USGS NO. 04197000

SAMPLE DATE YR	MO	DY	TIME 2400	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76					.165	.020	2.200									
76					.117	.020	2.100	.180				42.10	29.00			653.
76	3			416.0	.111	.010	2.100	.010				45.40	25.00			661.
76		31		365.0	.128	.020	2.100	.010				40.00	25.00			648.
76	4			335.0	.118	.020	1.950	.140				41.90	26.00			655.
76	4			329.0	.109	.020	1.900					40.20	27.00			679.
76	4			451.0	.113	.040	1.750	.010				30.90	27.00			691.
76	4	4		402.0	.128	.030	1.850	.050				27.30	28.00			670.
76	4	5	955	448.0	.145	.030	1.830	.040				41.60	28.00			671.
76	4	5	1930	448.0	.127	.030	2.000	.040				44.50	29.00			655.
76	4	6	1900	378.0	.126	.030	2.000	.050				45.10	31.00			649.
76	4	7	1900	330.0	.116	.020	1.830	.030				34.00	30.00			665.
76	4	8	1900	260.0	.112	.020	1.800	.040				38.00	30.00			673.
76	4	9	1900	256.0	.088	.010	1.600	.030				39.60	30.00			685.
76	4	10	1900	203.0	.083	.010	1.700	.040				29.20	30.00			697.
76	4	11	1900	194.8	.092	.010	1.500	.030				29.60	30.00			701.
76	4	12	1900	188.2	.105	.010	1.400	.020				35.50	30.00			708.
76	4	12	1900	188.2	.113	.060	1.200	.120				40.00	30.00			722.
76	4	13	1900	175.5	.131	.030	1.100	.110				30.00	28.00			713.
76	4	14	1900	165.9	.120	.020	1.000	.130				34.20	29.00			729.
76	4	15	1900	157.6	.113	.020	1.000	.140				31.20	29.00			728.
76	4	16	1900	155.0	.120	.010	.700	.160				35.40	29.00			735.
76	4	17	1900	149.0	.099	.010	.500	.140				25.00	28.00			724.
76	4	18	1900	141.2	.091	.010	.400	.090				22.60	28.00			725.
76	4	19	1300	133.6	.100	.010	.300	.050				27.30	27.00			736.
76	4	19	1900	131.7	.100	.020	.500	.120				30.70	27.00			742.
76	4	2	1900	131.7	.139	.030	.400	.120				14.20	30.00			793.
76	4	21	1900	135.5	.196	.030	.400	.050				14.40	31.00			804.
76	4	22	1900	137.4	.186	.040	.400	.090				11.00	31.00			814.
76	4	23	1900	143.1	.177	.060	.400	.460				14.60	31.00			818.
76	4	24	1900	141.2	.176	.020	.200	.120				11.00	33.00			821.
76	4	25	1900	149.2	.219	.010	.200	.100				25.30	32.00			818.
76	4	26	1300	214.9	.280	.010	.200	.140				65.60	31.00			837.
76	4	26	1900	219.5	.187	.040	.400	.090				68.70	31.00			826.
76	4	27	1900	234.7	.235	.030	.350	.090				102.00	32.00			791.
76	4	28	1900	236.0	.142	.020	1.300	.090				57.50	32.00			785.
												31.50	36.00			798.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR MEXICO, OHIO USGS NO. 04197000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	4	29	1900	194.8	.271	.010	.500	.130				47.50	35.00			770.
76	4	30	1900	171.3	.371		.900	.090				49.70	36.00			782.
76	5	1	1900	141.2	.140		.800	.060				34.10	35.00		2.79	779.
76	5	2	1900	131.7	.161		.800	.020				47.80	36.00		5.07	797.
76	5	3	1300	129.8	.223		.800					67.60	34.00		4.40	789.
76	5	3	1900	129.8	.178	.010	1.000	.370				62.30	34.00			776.
76	5	4	1900	122.4	.169		1.200	.150				50.20	35.00			781.
76	5	5	1900	115.2	.158		1.200	.360				44.00	34.00			785.
76	5	6	1900	106.3	.136		1.100	.230				42.20	34.00			778.
76	5	7	1900	147.1	.174		1.000	.150				61.40	33.00			803.
76	5	8	1900	165.0	.156		1.100	.180				53.40	33.00			813.
76	5	9	1900	147.0	.154		1.000	.120				50.30	32.00			802.
76	5	10	1300	132.6	.218	.050	1.300	.410				37.50	34.00			805.
76	5	11	1900	131.7	.252	.110	2.200					32.40	38.00			803.
76	5	11	1900	122.4	.197	.060	2.400	.010				41.80	38.00			809.
76	5	12	1900	108.0	.163	.030	1.900					43.20	38.00			801.
76	5	13	1900	101.2	.124	.020	1.000	.090				40.50	38.00			772.
76	5	14	1900	96.1	.104	.020	1.100	.030				27.60	37.00			801.
76	5	15	1900	96.1	.111	.010	.700	.010				28.50	38.00			801.
76	5	16	1900	96.1	.122	.020	.700					30.40	38.00			826.
76	5	17	1300	108.0	.129	.020	.700					34.50	39.00			830.
76	5	17	1900	374.0	.149	.030	1.100	.190				35.60	39.00			819.
76	5	18	1900	365.6	.251	.060	.900	.090				106.00	39.00			842.
76	5	19	1900	326.8	.306	.080	11.500	.130				121.00	37.00			741.
76	5	20	100	311.2	.293	.080	9.500	.310				112.00	37.00			739.
76	5	20	700	293.2	.275	.070	9.500	.260				109.00	38.00			761.
76	5	20	1300	270.4	.290	.060	10.500	.350				106.00	39.00			762.
76	5	20	1900	248.5	.270	.060	11.500	.260				85.20	39.00			771.
76	5	21	100	228.7	.253	.060	10.900	.320				83.00	40.00			766.
76	5	21	700	208.0	.258	.060	10.000	.210				100.00	41.00			778.
76	5	21	1300	194.8	.245	.050	8.800	.270				91.00	41.00			805.
76	5	21	1900	179.7	.237	.050	8.200	.200				73.30	41.00			804.
76	5	22	1300	145.1	.195	.030	7.300	.170				51.40	39.00			769.
76	5	23	1900	120.6	.187	.020	6.700	.190				47.10	40.00			766.
76	5	24	1300	116.3	.178	.030	6.300	.150				48.90	40.00			779.
76	5	31	1900	634.4	.447		3.400	.010				218.00	29.00			783.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR MEXICO, OHIO USGS NO. 04197000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	6	1	100	688.4	1.100	.030	5.900	.060				983.00	14.00			352.
76	6	1	700	681.2	.502	.060	6.700	.010				350.00	25.00			580.
76	6	1	1300	906.0	.485	.070	7.800	.020				343.00	28.00			621.
76	6	1	1900	1057.5	.634	.090	9.000	.020				472.00	27.00			576.
76	6	2	100	1125.0	.680	.110	10.500					526.00	27.00			574.
76	6	2	700	1044.0	.789	.110	14.400	.060				588.00	26.00			551.
76	6	2	1300	982.0	.699	.090	13.600	.010				580.00	26.00			538.
76	6	2	1900	962.0	.603	.090	14.200	.070				407.00	28.00			586.
76	6	3	100	926.0	.551	.100	15.000	.020				451.00	30.00			543.
76	6	3	700	962.0	.509	.120	16.500	.010				340.00	32.00			683.
76	6	3	1300	970.0	.458	.100	16.600	.020				292.00	33.00			712.
76	6	3	1900	886.0	.412	.100	18.100	.040				260.00	33.00			691.
76	6	4	100	774.0	.401	.100	19.300	.020				245.00	35.00			691.
76	6	4	700	663.2	.387	.100	18.600	.050				214.00	34.00			703.
76	6	4	1300	570.0	.352	.100	17.500	.210				199.00	37.00			729.
76	6	4	1900	491.0	.336	.080	16.900	.010				191.00	38.00			750.
76	6	5	100	422.0	.332	.070	15.400	.010				185.00	38.00			747.
76	6	5	700	374.0	.316	.070	14.400	.040				166.00	36.00			726.
76	6	5	1300	332.0	.317	.060	14.500	.040				181.00	35.00			710.
76	6	5	1900	293.0	.285	.050	15.400	.010				153.00	34.00			708.
76	6	6	100	263.2	.270	.050	15.600	.010				138.00	34.00			710.
76	6	6	700	236.0	.284	.050	15.800	.040				159.00	34.00			720.
76	6	6	1300	219.5	.279	.050	16.200	.240				156.00	35.00			730.
76	6	6	1900	201.4	.253	.040	16.000	.010				129.00	34.00			740.
76	6	7	100	188.2	.231	.050	16.600	.010				105.00	35.00			746.
76	6	7	700	173.4	.229	.050	16.300	.020				110.00	35.00			755.
76	6	7	1300	163.0	.246	.040	16.400					110.00	35.00			765.
76	6	7	1900	157.0	.273	.130	16.000	.040				112.00	36.00			748.
76	6	8	100	149.0	.257	.100	16.000	.040				101.00	37.00			755.
76	6	8	700	141.2	.244	.100	15.900	.040				92.80	37.00			755.
76	6	8	1300	135.5	.229	.090	15.700	.040				105.00	37.00			762.
76	6	8	1900	127.9	.210	.090	15.600	.040				90.60	37.00			767.
76	6	9	100	120.6	.200	.090	15.400	.040				81.90	37.00			769.
76	6	9	700	115.2	.205	.090	15.100	.050				77.80	37.00			772.
76	6	9	1300	111.6	.193	.080	15.000	.040				83.20	37.00			774.
76	6	9	1900	109.8	.185	.070	14.600	.050				66.80	37.00			779.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR MEXICO, OHIO USGS NO. 04197000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	6	1	100	102.9	.195	.090	14.500	.070				64.30	37.00			780.
76	6	1	700	101.2	.197	.090	14.400	.060				60.90	37.00			783.
76	6	1	1300	101.2	.180	.080	14.100	.060				71.10	36.00			799.
76	6	1	1900	99.5	.174	.070	12.500	.080				70.60	36.00			787.
76	6	11	1900	86.2	.186	.050	11.500	.460				80.50	36.00			805.
76	6	12	1900	78.2	.191	.050	10.400	.140				52.10	37.00			786.
76	6	13	1900	70.5	.145	.320	9.500	.220				47.20	37.00			809.
76	6	14	1300	64.5	.175	.020	8.600	.170				41.40	37.00			817.
76	6	14	1900	61.5	.154	.040	9.900	.010				57.70	38.00			803.
76	6	15	1900	58.6	.133	.030	7.700	.030				58.70	38.00			792.
76	6	16	1900	55.8	.169	.060	7.100	.440				40.90	38.00			779.
76	6	17	1900	58.6	.222	.030	6.200	.090				136.00	37.00			778.
76	6	18	1900	61.5	.173	.030	4.600	.290				77.20	37.00			794.
76	6	19	1900	66.0	.171	.020	4.100	.190				79.40	37.00			822.
76	6	2	1900	194.8	.222	.010	2.400	.050				124.00	37.00			821.
76	6	21	1300	652.4	.407	.030	1.100					184.00	40.00			864.
76	6	21	1900	730.0		.140	2.000	.010				208.00	42.00			803.
76	6	22	100	674.0	.464	.130	5.900	.020				193.00	38.00			728.
76	6	22	700	576.4	.524	.170	10.000	.040				227.00	37.00			668.
76	6	22	1300	488.0	.640	.210	9.900	.010				265.00	38.00			655.
76	6	22	1900	407.6	.521	.200	8.900	.010				183.00	39.00			642.
76	6	23	100	346.0	.487	.140	11.500	.010				212.00	38.00			636.
76	6	23	700	303.4	.488	.100	13.200	.010				216.00	36.00			628.
76	6	23	1300	268.0	.478	.080	14.400					211.00	35.00			616.
76	6	23	1900	236.0	.400	.100	15.900	.010				189.00	34.00			615.
76	6	24	100	210.8	.386	.110	16.300	.020				148.00	34.00			621.
76	6	24	700	187.9	.599	.120	17.000	.010				272.00	34.00			638.
76	6	24	1300	170.4	.348	.070	17.000	.010				175.00	34.00			641.
76	6	25	100	161.8	.335	.060	16.800					165.00	34.00			646.
76	6	25	700	183.9	.341	.030	16.800					148.00	34.00			654.
76	6	25	1300	201.4	.371	.060	16.700	.010				189.00	34.00			666.
76	6	25	1900	238.5	.343	.040	17.000	.010				180.00	34.00			683.
76	6	26	100	272.8	.367	.060	17.000	.020				164.00	35.00			696.
76	6	26	700	282.6	.410	.050	16.900	.010				219.00	35.00			712.
76	6	26	1300	357.2	.399	.010	16.100					213.00	35.00			726.
76	6	26	1900	388.0	.402	.040	15.100					219.00	36.00			735.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR MEXICO, OHIO USGS NO. 04197000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	6	27	100	425.0	.432	.07[illegible]	14.100	.010				215.00	38.00			746.
76	6	27	700	434.0	.431	.06[illegible]	13.000	.020				233.00	38.00			731.
76	6	27	1300	437.0	.457	.05[illegible]	12.700					271.00	36.00			700.
76	6	27	1900	440.0	.390	.05[illegible]	13.400					219.00	34.00			679.
76	6	28	100	374.0	.383	.050	13.400	.020				218.00	34.00			680.
76	6	28	700	321.6	.381	.030	13.400	.010				210.00	34.00			682.
76	6	28	1300	303.4	.401	.060	13.600	.010				218.00	34.00			677.
76	6	28	1900	308.6	.375	.130	11.800	.070				220.00	33.00			645.
76	6	29	700	253.5	.390	.120	10.300	.020				234.00	32.00			655.
76	6	29	1900	201.4	.312	.100	10.700	.040				159.00	31.00			645.
76	6	30	700	175.5	.290	.100	11.200	.040				142.00	31.00			629.
76	6	30	1900	159.0	.320	.080	10.700	.040				172.00	29.00			616.
76	7	1	700	153.0	.288	.080	11.000	.070				144.00	31.00			643.
76	7	1	1900	157.0	.298	.080	10.800	.040				153.00	33.00			673.
76	7	2	700	214.9	.316	.070	10.400	.060				169.00	32.00			685.
76	7	2	1900	217.2	.329	.060	10.600	.030				183.00	32.00			706.
76	7	3	700	210.3	.274	.050	9.800	.010				116.00	33.00			722.
76	7	3	1900	194.8	.274	.030	9.100	.010				116.00	34.00			736.
76	7	4	700	161.0	.258	.030	8.500	.030				99.60	34.00			732.
76	7	4	1900	135.5	.226	.010	8.600	.050				100.00	34.00			723.
76	7	5	700	117.0	.233	.010	8.400	.040				69.90	32.00			718.
76	7	5	1300	113.4	.196	.010	8.300					83.40	32.00			707.
76	7	5	1900	111.6	.199	.10[illegible]	9.400	.030				88.40	32.00			691.
76	7	6	700	94.4	.177	.080	9.300	.030				68.50	32.00			696.
76	7	6	1900	84.6	.174	.070	8.800	.020				83.20	32.00			670.
76	7	7	700	78.2	.188	.060	8.500	.010				85.40	32.00			683.
76	7	7	1900	73.5	.149	.060	8.000	.040				56.50	33.00			702.
76	7	8	700	111.6	.148	.05[illegible]	7.000	.050				69.30	33.00			655.
76	7	8	1900	343.2	.221	.050	6.200	.040				119.00	33.00			703.
76	7	9	700	609.2	.404	.090	3.700	.050				188.00	32.00			627.
76	7	9	1300	978.0	.538	.080	5.700	.340				34.00	27.00			573.
76	7	9	1900	1251.0	.761	.090	4.900	.100				534.00	29.00			570.
76	7	10	100	1405.0	.934	.150	4.300	.070				684.00	23.00			438.
76	7	10	700	1345.0	.967	.130	5.300	.050				724.00	21.00			423.
76	7	10	1300	1098.0	.701	.130	5.500	.040				484.00	21.00			394.
76	7	10	1900	930.0	.610	.110	5.500	.030				394.00	18.00			377.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR MEXICO, OHIO USGS NO. 04197000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	7	11	100	612.8	.504	.100	5.700	.070				335.00	18.00			379.
76	7	11	700	485.0	.541	.110	5.900	.020				309.00	18.00			389.
76	7	11	1300	399.2	.486	.100	5.800	.010				281.00	18.00			396.
76	7	11	1900	334.8	.451	.090	5.700	.020				258.00	19.00			403.
76	7	12	100	290.4	.432	.090	5.600	.010				214.00	19.00			414.
76	7	12	700	251.0	.413	.090	5.600	.020				210.00	19.00			423.
76	7	12	1300	224.1	.387	.090	5.600	.020				181.00	20.00			434.
76	7	12	1900	201.4	.357	.200	6.100	.610				147.00	20.00			448.
76	7	13	700	165.0	.320	.180	6.100	.100				137.00	21.00			464.
76	7	13	1900	141.2	.331	.180	6.000					154.00	22.00			492.
76	7	14	700	124.2	.287	.160	6.100	.090				104.00	23.00			506.
76	7	14	1900	109.8	.252	.140	5.600	.120				85.40	22.00			516.
76	7	15	700	99.5	.228	.130	5.100	.030				66.40	22.00			542.
76	7	15	1900	92.7	.236	.090	5.300	.020				74.90	27.00			554.
76	7	16	700	87.8	.194	.120	5.300	.170				63.00	24.00			560.
76	7	16	1900	81.4	.207	.100	4.900	.050				60.60	27.00			591.
76	7	17	700	84.6	.179	.080	4.500	.360				56.60	27.00			576.
76	7	17	1900	81.4	.168	.090	4.400	.060				49.70	27.00			601.
76	7	18	700	73.5	.142	.060	4.000	2.000				48.80	28.00			573.
76	7	18	1900	69.0	.159	.070	3.800	.100				50.70	28.00			613.
76	7	19	700	76.6	.138	.070	3.500	.070				37.30	29.00			591.
76	7	19	1300	79.8	.150	.070	3.400	.100				43.40	28.00			624.
76	7	19	1900	81.4	.125	.110	3.700	.005				39.20	28.00			631.
76	7	20	700	79.8	.110	.110	3.300	.008				33.60	28.00			648.
76	7	20	1900	73.5	.121	.090	3.100	.010				40.10	30.00			673.
76	7	21	700	64.5	.099	.070	2.500	.010				41.80	30.00			632.
76	7	22	700	67.5	.102	.070	2.100	.040				32.10	31.00			670.
76	7	22	1900	69.0	.124	.070	1.900	.260				39.00	31.00			658.
76	7	23	700	83.5	.140	.090	1.700	.180				40.30	31.00			677.
76	7	23	1900	256.0	.151	.060	.800	.170				61.20	32.00			666.
76	7	24	700	217.2	.201	.090	.500	.490				51.30	32.00			697.
76	7	24	1900	422.0	.267	.070	1.000	1.000				103.00	28.00			623.
76	7	25	100	742.0	.353	.080	2.600	.040				195.00	22.00			497.
76	7	25	700	966.0	.420	.080	2.200	.020				244.00	26.00			566.
76	7	25	1300	1206.0	.523	.090	2.600	.070				351.00	23.00			515.
76	7	26	100	1237.5	.665	.180	2.600	.060				397.00	21.00			412.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR MEXICO, OHIO USGS NO. 04197000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	7	26	700	1084.5	.613	.160	2.700	.320				354.00	19.00			387.
76	7	26	1300	882.0	.530	.160	2.800	.070				323.00	20.00			403.
76	7	27	100	573.2	.489	.200	3.200	.140				261.00	19.00			396.
76	7	27	700	488.0	.482	.210	3.100	.030				238.00	20.00			416.
76	7	27	1300	410.4	.496	.200	3.000	.030				264.00	20.00			416.
76	7	27	1900	354.4	.473	.190	3.000	.090				216.00	20.00			399.
76	7	28	100	311.2	.428	.180	2.900	.230				222.00	20.00			391.
76	7	28	700	272.8	.392	.180	2.800	.040				196.00	19.00			398.
76	7	28	1300	243.5	.391	.180	2.700	.030				192.00	20.00			413.
76	7	28	1900	219.5	.350	.170	2.600	.030				171.00	20.00			433.
76	7	29	100	199.2	.293	.160	2.500	.040				109.00	20.00			442.
76	7	29	700	181.8	.270	.160	2.500	.050				108.00	20.00			446.
76	7	29	1300	169.2	.270	.160	2.400	.050				96.40	20.00			444.
76	7	29	1900	161.0	.288	.160	2.500	.100				102.00	20.00			447.
76	7	30	100	155.0	.283	.150	2.500	.050				99.80	20.00			452.
76	7	30	700	153.0	.244	.150	2.500	.060				90.40	21.00			451.
76	7	30	1300	167.1	.239	.150	2.500	.210				75.70	21.00			457.
76	7	30	1900	167.1	.248	.140	2.500	.060				76.40	21.00			470.
76	7	31	100	157.0	.240	.140	2.400	.060				81.40	21.00			476.
76	7	31	700	143.1	.219	.140	2.400	.390				76.20	21.00			482.
76	7	31	1300	135.5	.231	.140	2.400	.070				72.40	22.00			492.
76	7	31	1900	133.6	.227	.130	2.300	.130				71.90	22.00			498.
76	8	1	100	129.8	.232	.120	2.200	.150				62.80	22.00			513.
76	8	1	700	122.4	.220	.110	2.200	.040				71.20	23.00			516.
76	8	1	1300	113.4	.220	.120	2.200	.040				82.90	24.00			519.
76	8	1	1900	102.9	.246	.110	2.000	.050				94.50	24.00			532.
76	8	2	100	97.8	.232	.120	2.100	.030				81.10	25.00			542.
76	8	2	700	91.0	.244	.110	2.000	.060				73.00	25.00			545.
76	8	2	1300	86.2	.229	.110	2.000	.070				69.90	26.00			556.
76	8	2	1900	81.4	.223	.140	2.000	.020				75.00	29.00			574.
76	8	3	700	76.6	.181	.130	2.000	.010				52.20	30.00			576.
76	8	3	1900	73.5	.168	.110	2.100	.050				50.90	30.00			572.
76	8	4	700	69.0	.201	.100	1.900	.020				58.90	31.00			595.
76	8	4	1900	66.0	.191	.080	1.600	.050				63.30	31.00			609.
76	8	5	700	64.5	.150	.150	1.500	.190				30.10	35.00			581.
76	8	5	1900	63.0	.104	.040	1.400	.070				25.20	33.00			622.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR MEXICO, OHIO USGS NO. 04197000

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 8 6	7	60.6	.114	.040	1.300	.110				35.90	34.00			615.
76 8 6	1900	57.2	.100	.050	1.300	.130				24.50	34.00			609.
76 8 7	700	55.5	.093	.040	1.200	.130				37.40	34.00			627.
76 8 7	1900	57.2	.115	.040	1.000	.110				30.40	33.00			638.
76 8 8	700	57.2	.133	.060	1.000	.160				34.60	33.00			649.
76 8 8	1900	60.0	.190	.060	1.100	.080				66.00	32.00			717.
76 8 9	700	311.0	.252	.050	.600	.110				88.90	37.00			761.
76 8 9	1300	324.2	.309	.050	.400	.050				118.00	40.00			750.
76 8 9	1900	326.8	.308	.140	1.000	.070				107.00	40.00			764.
76 8 10	700	251.0	.300	.150	1.000	.050				84.80	40.00			770.
76 8 10	1900	214.9	.248	.140	.800	.040				57.70	38.00			705.
76 8 11	700	190.4	.312	.210	1.600	.050				66.80	39.00			619.
76 8 11	1900	157.0	.395	.260	2.300	.050				74.20	38.00			551.
76 8 12	700	129.0	.334	.230	2.400	.060				67.40	32.00			507.
76 8 12	1900	115.0	.288	.190	2.200	.130				36.50	31.00			508.
76 8 13	700	109.0	.266	.150	1.900	.120				51.40	31.00			540.
76 8 13	1900	102.0	.252	.100	1.700	.160				66.60	32.00			548.
76 8 14	700	97.6	.169	.050	.900	.180				40.70	32.00			552.
76 8 14	1900	90.7	.187	.040	1.100	.210				52.50	33.00			579.
76 8 15	700	106.3	.170	.040	.700	.250				44.90	33.00			577.
76 8 15	1900	111.0	.171	.030	.700	.210				48.40	34.00			596.
76 8 16	100	113.4	.254	.030	.600	.300				82.60	35.00			618.
76 8 16	700	256.0	.215	.030	.700	.260				62.00	34.00			604.
76 8 16	1300	300.8	.321	.040	.500	.180				98.80	35.00			646.
76 8 16	1900	288.4	.302	.160	1.100	.500				93.10	35.00			641.
76 8 17	1900	155.0	.341	.170	1.300	.410				101.00	38.00			673.
76 8 18	1900	140.0	.317	.190	1.200	.370				76.10	39.00			665.
76 8 19	1900	131.6	.317	.220	1.500	.420				60.90	45.00			646.
76 8 20	1900	89.4	.260	.130	1.200	.400				48.60	37.00			572.
76 8 21	1900	73.5	.261	.120	1.300	.390				70.70	35.00			569.
76 8 22	1900	65.0	.211	.060	1.000	.350				55.40	33.00			561.
76 8 23	1300	57.2	.181	.080	1.000	.420				36.40	33.00			563.
76 8 23	1900	55.9	.249	.160	1.500	.020				41.80	32.00			568.
76 8 24	100	51.4	.206	.160	1.450	.015				44.40	32.00			567.
76 8 24	700	51.4	.229	.180	1.600	.005				40.90	32.00			572.
76 8 24	1300	56.2	.217	.170	1.300	.060				41.10	33.00			571.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR MEXICO, OHIO USGS NO. 04197000

SAMPLING DATE YR	MO	DY	TIME 24 HR.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	8	24	1900	51.6	.215	.150	1.200	.110				37.70	33.00			532.
76	8	25	100	48.8	.247	.160	1.500	.040				54.10	33.00			569.
76	8	25	700	54.0	.277	.160	1.600	.010				89.70	33.00			586.
76	8	25	1300	54.0	.523	.170	1.550	.020				225.00	34.00			594.
76	8	25	1900	48.8	.916	.170	1.350	.010				460.00	34.00			593.
76	8	26	100	47.4	.657	.180	1.300	.060				315.00	34.00			580.
76	8	26	700	52.0	2.000	.120	.700	.040				1804.00	35.00			583.
76	8	26	1300	52.0	.443	.140	1.100	.060				154.00	35.00			578.
76	8	26	1900	47.4	.363	.130	1.050	.140				127.00	35.00			588.
76	8	27	100	46.0	.313	.120	.800	.080				120.00	36.00			564.
76	8	27	700	52.0	.358	.120	.900	.040				132.00	36.00			584.
76	8	27	1300	52.0	.384	.150	.900	.170				112.00	36.00			596.
76	8	27	1900	46.0	.264	.090	.500	.340				69.30	36.00			589.
76	8	28	1900	42.1	.299	.100	.700	.090				108.00	36.00			634.
76	8	29	1900	42.1	.240	.090	.500	.110				57.40	36.00			647.
76	8	30	1300	48.8	.240	.080	.300	.280				73.70	37.00			663.
76	8	31	1900	54.4	.191	.121	.510	.049				28.90	38.00			654.
76	8	31	1900	55.8	.225	.126	.590	.089				34.00	39.20			680.
76	9	1	1900	47.4	.246	.136	.650	.115				36.30	39.90			712.
76	9	2	1900	44.7	.154	.090	.350	.173				9.50	41.90			744.
76	9	3	1900	43.4	.165	.107	.280	.317				9.50	41.00			753.
76	9	4	1900	42.1	.171	.111	.260	.369				12.40	40.70			775.
76	9	5	1900	40.8	.140	.061	.220	.079				10.90	42.60			786.
76	9	6	1300	36.9	.171	.068	.190	.058				24.00	41.60			791.
76	9	6	1900	36.9	.170	.100	.590	.055				35.60	42.80		1.26	788.
76	9	7	1900	33.0	.168	.101	.580	.214				31.60	41.70		1.25	791.
76	9	8	1900	31.9	.174	.097	.550	.243				21.20	41.30		1.11	790.
76	9	9	1900	29.7	.137	.077	.330	.130				23.50	42.20		.94	777.
76	9	10	1900	30.8	.139	.075	.270	.129				31.10	42.20		1.30	796.
76	9	11	1900	39.5	.212	.078	.370	.136				53.80	43.80		2.13	807.
76	9	12	1900	39.5	.148	.056	.240	.097				28.80	44.10		1.20	819.
76	9	13	1900	44.7	.152	.059	.240	.107				30.30	44.80		1.25	837.
76	9	13	1900	44.7	.178	.095	.620	.054				25.70	43.00			852.
76	9	14	1900	43.4	.189	.085	.500	.089				25.60	43.70			873.
76	9	15	1900	38.2	.164	.085	.420	.121				24.90	44.20			888.
76	9	16	1900	33.9	.140	.066	.270	.128				21.60	45.00			886.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION A/CODE : NEAR MEXICO, OHIO USGS NO. 04197000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	9	17	1900	35.6	.167	.091	.250	.261				20.20	45.60			902.
76	9	18	1900	38.2	.156	.078	.220	.199				20.70	45.30			936.
76	9	19	1900	48.8	.150	.054	.160	.114				23.00	45.40			920.
76	9	20	1300	54.4		.060	.140	.153					45.30			
76	9	20	1900	54.4	.184	.123	.590	.043				20.60	46.50			902.
76	9	21	1900	57.2	.186	.116	.530	.152				24.00	46.50			921.
76	9	22	1900	47.4	.174	.078	.450	.095				24.70	48.10			939.
76	9	23	1900	40.8	.174	.075	.430	.111				20.90	48.10			940.
76	9	24	1900	35.6	.204	.076	.470	.132				38.90	47.90			937.
76	9	25	1900	31.9	.175	.057	.230	.273				24.80	47.60			930.
76	9	26	1900	34.3	.159	.044	.330	.176				21.20	48.70			912.
76	9	27	1300	38.2	.174	.047	.380	.176				23.10	48.20			919.
76	9	27	1900	42.1	.169	.092	.670	.068				32.20	46.80			920.
76	9	28	1900	104.6	.161	.080	.400	.083				35.90	44.00			920.
76	9	29	1900	101.2	.194	.092	.420	.116				44.60	49.90			939.
76	9	3	1900	81.4	.200	.107	.730	.114				32.70	47.00			855.
76	10	1	1900	66.0	.213	.114	1.040	.077				31.80	42.80			741.
76	10	2	1900	54.0	.192	.102	1.180	.103				34.10	44.10			758.
76	10	3	1900	50.2	.157	.046	1.100	.055				24.40	43.50			755.
76	10	4	1300	40.0	.153	.030	.930	.018				28.10	42.80			758.
76	10	4	1900	40.0	.144	.010	.990	.182				50.90	46.70			754.
76	10	5	1900	36.0	.155	.009	1.050	.140				37.00	46.20			757.
76	10	6	1900	34.0	.127	.005	.970	.132				435.00	46.90			792.
76	10	7	1900	34.0	.138	.012	1.040	.087				32.90	47.40			794.
76	10	8	1900	34.0	.174	.010	.770	.155				39.10	46.80			805.
76	10	9	1900	34.0	.141	.006	.710	.131				35.30	47.30			807.
76	10	10	1900	34.0	.152	.007	.740	.084				37.70	48.30			834.
76	10	11	1300	37.0	.153		.790	.072				37.50	50.10			847.
76	10	11	1900	41.0	.126	.039	.920	.122				29.10	48.70			843.
76	10	12	1900	41.0	.149	.035	.530	.069				26.80	51.00			853.
76	10	13	1900	41.0	.145	.028	.520	.136				29.80	49.70			870.
76	10	14	1900	40.0	.135	.024	.250	.070				34.30	52.50			866.
76	10	15	1900	40.0	.164	.023	.230	.105				32.40	53.40			879.
76	10	16	1900	38.0	.170	.024	.210	.110				36.90	54.60			878.
76	10	17	1900	38.0	.118		.200	.044				25.70	56.30			893.
76	10	18	1300	36.0	.123	.012	.200	.050				27.50	56.90			887.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR MEXICO, OHIO USGS NO. 04197000

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 10 19	100	35.0	.119	.042	.150	.141				18.80	66.30			891.
76 10 20	1900	35.0	.113	.030	.170	.104				21.70	68.00			901.
76 10 21	1900	36.0	.125	.022	.150	.065				18.20	68.50			913.
76 10 21	1900	37.0	.095	.027	.120	.118				18.50	68.30			919.
76 10 22	1900	41.0	.110	.026	.110	.103				24.00	66.10			921.
76 10 23	1900	45.0	.197	.020	.100	.073				42.70	63.60			926.
76 10 24	1900	54.0	.133	.013	.100	.177				23.40	63.10			978.
76 10 25	1300	58.0	.159	.018	.090	.214				28.80	63.20			1002.
76 10 25	1900	58.0	.130	.016	.140	.071				16.30	44.20	2.82		1026.
76 10 26	1900	64.0	.136	.012	.170	.086				15.30	46.80	4.13		1047.
76 10 27	1900	70.0	.124	.036	.530	.077				9.30	46.90	4.67		1053.
76 10 28	1900	71.0	.131	.055	.650	.104				3.20	45.80	5.47		1047.
76 10 29	1900	74.0	.174	.091	.670	.106				8.90	46.30	5.82		1051.
76 10 30	1900	71.0	.161	.079	.750	.110				11.10	45.80	5.39		1045.
76 10 31	1900	69.0	.156	.078	.720	.100				8.60	47.90	6.50		1038.
76 11 1	1300	67.0	.167	.077	.680	.104				11.60	49.00	5.49		1013.
76 11 2	1300	71.0	.258	.124	.970	.243				29.10	48.60	5.45		979.
76 11 3	1300	76.0	.233	.144	.790	.199				16.80	46.10	5.60		951.
76 11 4	1300	74.0	.334	.215	1.240	.387				17.80	52.20	5.91		978.
76 11 5	1300	72.0	.417	.278	1.230	.639				21.10	50.70	6.18		959.
76 11 6	1300	70.0	.332	.174	1.290	.226				21.30	47.30	5.93		904.
76 11 7	1300	66.0	.275	.166	1.380	.211				31.10	48.10	5.74		897.
76 11 8	1300	62.0	.254	.165	1.260	.212				20.30	47.90	6.89		911.
76 11 8	1900	62.0	.281	.151	1.390	.164				21.60	47.40	6.25		896.
76 11 9	1900	35.0	.247	.141	1.330	.194				9.80	46.10	5.91		898.
76 11 10	1900	51.0	.333	.127	1.470	.165				12.60	45.90	5.37		900.
76 11 11	1900	50.0	.209	.120	1.420	.156				10.00	48.00	5.21		923.
76 11 12	1900	47.0	.198	.103	1.190	.123				9.10	49.40	5.04		942.
76 11 13	1900	45.0	.194	.116	.970	.106				5.10	49.70	4.57		961.
76 11 14	1900	49.0	.202	.119	.940	.091				9.60	50.40	4.60		960.
76 11 15	1300	43.0	.211	.123	.950	.085				9.00	50.60	4.20		964.
76 11 15	1900	43.0	.254	.133	1.010	.105				16.90	50.70			966.
76 11 16	1900	41.0	.219	.135	1.030	.120				10.80	50.00			975.
76 11 17	1300	40.0	.211	.128	1.100	.107				10.70	52.90			982.
76 11 22	1900	44.0	.318	.080	.810	.030				55.50	52.50	3.91		988.
76 11 23	1900	50.0	.214	.094	.840	.118				14.50	53.80	4.54		993.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR MEXICO, OHIO USGS NO. 04197000

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 11 24	1900	46.0	.158	.083	.730	.118				7.60	53.10	3.71		996.
76 11 25	1900	43.0	.184	.085	.630	.109				18.70	53.10	2.94		1066.
76 11 26	1900	44.0	.145	.065	.500	.069				7.20	50.10	3.57		991.
76 11 27	1900	44.0	.134	.057	.430	.099				11.20	48.00	3.70		995.
76 11 28	1900	44.0	.133	.057	.410	.126				12.80	48.30	3.14		998.
76 11 29	100	43.0	.131	.060	.390	.079				9.40	47.90	2.20		998.
76 12 7	1300	40.0	.350		.970	.161				48.20	48.20	2.82		1019.
76 12 8	1300	40.0	.215	.139	1.070	.122				11.60	50.50	3.32		1049.
76 12 9	1300	40.0	.259		1.150	.116				11.20	52.30	2.79		1074.
76 12 10	1300	39.0	.239	.149	1.130	.162				6.50	52.80	3.94		1100.
76 12 11	1300	39.0	.262	.149	1.190	.139				7.10	54.10	2.93		1116.
76 12 12	1300	39.0	.246	.144	1.230	.146				6.90	55.90	3.09		1105.
76 12 13	1300	39.0	.233	.138	1.280	.131				5.40	54.90	3.29		1108.
76 12 14	700	39.0	.239	.149	1.350	.146				5.40	54.40	2.72		1141.
76 12 14	1300	39.0	.235	.155	1.430	.182				5.70	55.20	2.64	.48	1160.
76 12 15	1300	38.0	.264	.163	1.440	.197				5.70	55.90	2.69	.39	1161.
76 12 16	1300	41.0	.313	.216	1.480	.173				4.50	57.50	2.38	.29	1183.
76 12 17	1300	41.0	.299	.184	1.450	.202				6.20	55.30	2.60	.35	1177.
76 12 18	1300	41.0	.328	.214	1.440	.182				7.20	58.20	2.38	.33	1193.
76 12 19	1300	41.0	.446	.263	.890	.372				14.70	60.20	4.39	.33	1199.
76 12 27	1900	42.0	.383	.196	1.650	.190		1.260		14.10	63.40	3.00		1120.
76 12 28	100	41.0	.311	.207	1.630	.254		.751		5.40	63.90	3.06		1117.
77 1 3	700	34.0	.357	.153	1.570	.200		1.690		18.70	62.90	3.63		1106.
77 1 3	1300	34.0	.288	.169	1.630	.213		.970		10.50	63.20	3.81		1155.
77 1 3	1900	34.0	.196	.171	1.560	.238				3.10	61.00			1174.
77 1 4	1900	34.0	.153	.147	1.290	.343				4.40	57.40			1168.
77 1 5	1900	33.0	.182	.131	1.300	.345				7.10	57.60			1186.
77 1 6	1900	32.0	.201	.135	1.350	.321				6.40	57.60			1188.
77 1 7	1900	32.0	.229	.151	1.360	.359				7.40	57.60			1180.
77 1 8	100	31.0	.297	.185	1.270	.674				15.30	59.00			1205.
77 1 12	1900	31.0	.252	.103	.760	.179					49.70			1014.
77 1 13	1900	31.0	.214	.113	.710	.304				10.90	47.80			973.
77 1 14	1300	31.0	.201	.119	.720	.384				1.70	48.80			947.
77 1 15	1300	31.0	.224	.139	.680	.427				1.20	47.70			995.
77 1 16	1300	31.0	.232	.158	.660	.467				.90	45.70			896.
77 1 18	1300	32.0	.225	.127	.660	.566				1.20	45.70			890.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR MEXICO, OHIO USGS NO. 04197000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	CPS. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	1	19	1900	32.0	.209	.148	.750	.571				6.30	48.00	2.96		900.
77	1	19	1900	33.0	.189	.129	.710	.600				3.20	48.50	3.32		920.
77	1	20	1900	35.0	.192	.118	.790	.582				5.70	50.30	3.67		936.
77	1	21	1900	32.0	.199	.101	.760	.497				5.90	50.00	3.68		946.
77	1	22	1900	39.0	.217	.135	.770	.687				4.90	50.70	4.08		961.
77	1	23	1900	40.0	.235	.143	.780	.758				5.40	51.80	4.11		986.
77	2	3	1300	33.0	.292	.183	.760	1.100				9.40	52.30	5.29		1055.
77	2	4	1300	33.0	.298	.206	.770	1.250				5.00	52.10	5.43		1057.
77	2	5	1300	32.0	.296	.197	.790	1.220				3.00	52.00	5.45		1051.
77	2	6	1300	32.0	.305	.191	.790	1.300				5.50	51.40	5.65		1065.
77	2	7	1300	31.0	.317	.207	.770	1.520				5.40	52.00	6.17		1100.
77	2	7	1900	31.0	.320	.217	.820	1.340				8.00	61.90	6.81		1116.
77	2	8	1900	30.0	.358	.241	.840	1.530				5.20	62.60	7.24		1122.
77	2	9	1900	29.0	.381	.250	.870	1.700				5.40	67.40	7.15		1139.
77	2	10	1900	29.0	.401	.253	.840	1.770				6.70	63.40	7.27		1135.
77	2	11	1900	28.0	.425	.263	.810	2.000				7.80	64.50	7.71		1140.
77	2	12	1900	31.0	.489	.278	.730	2.000				8.20	67.30	8.16		1165.
77	2	14	1300	74.0	.513	.350	1.350	2.340				7.40	115.00	8.35		1170.
77	2	14	1900	74.0	.463	.345	1.200	2.080				6.20	111.00	8.05		1151.
77	2	15	100	200.0	.508	.390	1.450	1.950				8.50	109.00	7.85		1129.
77	2	15	700	200.0	.573	.400	1.600	1.910				11.70	110.00	7.15		1070.
77	2	17	1900	520.0	.653	.370	2.250	1.530				41.40	116.00	6.35		930.
77	2	18	1300	580.2	.591	.385	2.200	1.590				14.90	116.00	6.45		919.
77	2	18	1900	580.2	.555	.410	2.150	1.660				14.10	116.00	6.50		912.
77	2	19	100	520.0	.551	.395	2.050	1.660				14.20	111.00	6.15		916.
77	2	19	700	520.0	.765	.765	1.950	1.640				9.60	110.00	6.10		919.
77	2	19	1300	520.0	.531	.375	1.950	1.680				9.50	112.00	6.20		921.
77	2	19	1900	520.0	.541	.355	1.800	1.550				11.40	106.00	5.80		919.
77	2	20	100	450.0	.529	.335	1.800	1.590				11.10	108.00	6.05		918.
77	2	20	700	450.0	.567	.375	1.800	1.910				13.90	117.00	6.55		
77	2	22	1300	370.0	.544	.284	3.770	.318		3.530		17.20	69.00	5.81		735.
77	2	22	1900	370.0	.454	.264	3.590	.507		1.760		11.50	66.70	6.16		727.
77	2	23	100	438.5	.446	.296	3.230	.923		1.880		10.40	73.00	6.06		725.
77	2	23	700	603.7	.387	.268	3.260	.679		1.110		11.50	72.00	6.19		728.
77	2	23	1300	900.3	.402	.249	3.390	.344		1.100		14.60	67.00	6.08		738.
77	2	23	1900	1644.7	.628	.297	3.150	.115		2.040		58.00	51.40	4.62		504.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION #/CODE : NEAR MEXICO, OHIO USGS NO. 04197000

SAMPLING DATE YR MO DY	TIME 24 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 3 24	100	3459.3	1.161	.275	2.930	.242		5.900		344.00	45.30	4.25		441.
77 24	700	3288.6	1.580	.202	2.540	.722		4.420		791.00	40.50	3.93		398.
77 3 24	130	4057.8	1.476	.185	2.570	.834		4.630		605.00	41.00	3.94		364.
77 3 24	1900	4479.3	1.517	.159	2.690	.513		9.260		731.00	37.00	3.83		360.
77 3 25	100	4738.0	1.496	.174	2.840	.637		3.000		598.00	37.60	4.00		361.
77 3 25	700	4791.9	1.270	.160	3.110	.490		5.370		564.00	38.90	3.93		368.
77 3 25	1300	4861.8	1.230	.152	3.210	.821		5.120		507.00	41.30	4.06		358.
77 3 25	1900	4924.2	1.170	.147	3.260	.716		2.900		551.00	40.60	4.03		344.
77 3 26	100	5057.9	1.170	.152	3.700	.439		5.620		591.00	45.60	4.59		344.
77 3 26	700	5257.0	1.150	.113	3.340	.426		3.880		527.00	38.00	3.97		338.
77 3 26	1300	5305.2	1.030	.101	3.440	.354		4.130		576.00	37.80	4.07		338.
77 3 26	1900	5305.2	.948	.093	3.660	.317		3.910		441.00	37.80	4.20		340.
77 3 27	100	5273.7	.736	.095	3.810	.204		3.460		400.00	39.70	4.46		351.
77 3 27	7[illegible]	4969.1	.642	.103	3.950	.694		1.280		310.00	40.10	4.66		368.
77 27	130	4951.0	.577	.119	4.220	.278		2.670		306.00	41.50	4.91		392.
77 27	1900	3971.4	.584	.118	4.800	.240		1.280		264.00	43.80	5.23		415.
77 3 28	100	3546.5	.572	.129	4.930	.369		2.950		281.00	47.50	5.18		437.
77 28	700	3118.6	.483	.126	5.500	.265		2.740		244.00	48.50	5.61		451.
77 28	1300	2739.1	.420	.117	5.640	.308		2.240		141.00	47.00	5.67		449.
77 3 28	1900	2353.8	.383	.128	6.020	.167		1.570		154.00	46.80	5.83		474.
77 4 1	1900	1371.3	.246	.101	5.880	.260		1.460		79.10	48.60	6.04	3.30	499.
77 4 2	1900	1346.4	.204	.090	5.560	.260		1.500		42.00	47.70	5.98	2.40	518.
77 4 3	1900	560.1	.175	.085	5.360	.278		1.130		31.20	49.40	6.38	1.70	552.
77 4 4	1900	7[illegible]	.193	.086	4.660	.328		.980		38.80	49.30	6.53	2.20	605.
77 4 5	1900	1750.7	.371	.106	7.070	.376		1.740		153.00	53.40	6.52	6.90	550.
77 4 6	1[illegible]	1[illegible]	.241	.109	5.670	.351		1.380		137.00	52.30	6.10	5.90	553.
77 4 7	130	[illegible]	.234	.087	6.850	.281		1.740		67.60	51.70	6.30	3.80	546.
77 4 7	19[illegible]	0.	.222	.087	7.210	.213				64.50	50.50	6.48		554.
77 4 8	1[illegible]	[illegible]	.181	.066	6.890	.147				45.40	52.00	6.77		584.
77 4 9	1900	[illegible]	.180	.060	6.360	.166				37.40	51.90	7.01		627.
77 4 10	1900	470.	.185	.061		.128				38.60	51.80	7.17		667.
77 4 11	1900	450.	.13[illegible]	.054		.111				41.00	51.30	7.30		684.
77 4 12	1900	470.	.195	.054	4.930	.103				54.50	51.20	7.06		708.
77 4 13	1900	450.	.209	.052	5.150	.167					51.40	6.88		702.
77 4 14	1300	1350.	.262	.068	5.900	.120				95.80	57.70	7.57		689.
77 4 14	1900	1350.	.284	.076	5.300	.050		1.130		121.00	57.10	6.87	4.40	670.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION #/CODE : NEAR MEXICO, OHIO USGS NO. 04197000

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 3 15	1900	900.0	.257	.062	5.480	.105		1.640		111.00	56.80	7.13	4.00	645.
77 3 16	1900	640.0	.235	.046	6.070	.117		1.630		116.00	56.90	7.24	3.80	635.
77 3 17	1900	460.0	.231	.056	5.850	.099		1.440		85.10	55.20	7.13	3.20	657.
77 3 18	100	1500.0	.204	.063	5.750	.122		.730		76.10	54.70	7.05	3.00	664.
77 3 18	700	1500.0	.202	.059	5.260	.090		1.900		79.50	51.90	6.73	3.10	657.
77 3 18	1300	1500.0	.217	.062	4.940	.103		1.330		92.50	50.20	6.24	3.50	640.
77 3 18	1900	1500.0	.723	.071	5.050	.171		3.200		587.00	42.70	5.36	20.00	514.
77 3 19	100	4300.0	1.050	.072	6.360	.277		3.120		748.00	42.00	5.30	27.80	494.
77 3 19	700	4300.0	.976	.072	7.090	.150		3.060		684.00	42.30	5.68	25.70	465.
77 3 19	1300	4300.0	.925	.066	6.860	.154		2.640		645.00	44.20	5.77	23.00	508.
77 3 19	1900	4300.0	.882	.097	6.690	.260		2.210		618.00	42.60	5.59	21.00	494.
77 3 20	100	3400.0	.867	.089	6.930	.171		2.760		557.00	44.10	5.78	21.30	481.
77 3 20	700	3400.0	.812	.080	6.980	.168		2.790		555.00	41.70	5.87	21.00	454.
77 3 20	1300	3400.0	.635	.074	6.890	.170		1.940		397.00	39.40	5.75	16.70	444.
77 3 20	1900	3400.0	.542	.068	7.390	.132		2.080		376.00	40.50	6.19	13.60	467.
77 3 21	100	2500.0	.481	.074	7.450	.175		2.010		260.00	39.10	6.29	11.90	462.
77 3 21	700	2500.0	.444	.069	7.740	.158		1.770		266.00	39.90	6.43	11.30	473.
77 3 21	1301	2500.0	.426	.081	7.900	.156		1.850		232.00	40.60	6.63	10.20	478.
77 3 21	1900	2500.0	.365	.064	8.230	.250				178.00	36.60	7.16	8.90	467.
77 3 21	1900	2500.0	.399	.054	8.280	.051				205.00	37.10	7.97	9.70	484.
77 3 22	100	1800.0	.353	.053	8.220	.026				145.00	37.30	8.55	8.30	494.
77 3 22	700	1800.0	.285	.058	7.980	.085				138.00	37.60	8.11	6.70	506.
77 3 22	1300	1800.0	.337	.051	7.800	.012				173.00	38.60	8.51	7.70	521.
77 3 23	1600	2750.0	.385	.058	7.840	.416				171.00	39.60	7.39	9.60	484.
77 3 24	1300	2900.0	.338	.059	7.710	.069				187.00	37.80	7.87	8.10	471.
77 3 25	1300	1900.0	.277	.049	7.810	.049				130.00	36.80	7.78	6.60	490.
77 3 26	1300	1300.0	.186	.044	7.250	.036				79.30	38.10	8.45	3.90	550.
77 3 27	1300	890.0	.173	.033	6.590	4.000				68.60	39.90	7.67	3.20	598.
77 3 28	700	1150.0	.159	.040	5.950	.021				82.10	39.50	7.31	3.00	624.
77 3 28	1300	1150.0	.257	.078	5.370	.051				115.00	27.40	8.73	5.00	606.
77 3 29	100	1800.0	.340	.090	5.850	.029				172.00	28.70	8.18	7.00	575.
77 3 29	700	1800.0	.396	.087	6.540	.050				220.00	28.50	9.27	9.40	543.
77 3 29	1300	1800.0	.399	.091	7.110	.063				194.00	29.30	7.83	8.90	539.
77 3 29	1900	1800.0	.383	.095	7.180	.074				190.00	29.80	8.74	8.30	547.
77 3 30	100	1830.0	.382	.090	6.610	.084				217.00	29.30	7.89	8.10	560.
77 3 30	700	1830.0	.381	.085	6.590	.250				213.00	30.00	8.86	8.20	551.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR MEXICO, OHIO USGS NO. 04197000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJEL MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	3	31	1500	1830.0	.379	.09.	6.570	.175				205.00	31.30	9.73	8.00	553.
77	3	3	1900	1830.0	.393	.089	6.400	.044				236.00	31.50	8.25	8.20	556.
77	3	31	100	1666.4	.375	.086	6.400	.127				212.00	31.90	7.95	8.00	551.
77	3	31	700	1397.4	.337	.077	6.360	.078				184.00	30.90	9.35	7.40	544.
77	3	31	1300	1182.8	.300	.078	6.430	.143				144.00	30.90	9.07	6.20	544.
77	3	31	1900	1007.3	.272	.068	6.140	.060				120.00	27.30	9.80	5.40	547.
77	4	1	100	861.7	.241	.077	[illegible]	.061				107.00	30.30	8.98	4.90	554.
77	4	1	700	742.1	.234	.073	6.300	.069				99.80	29.80	9.53	4.60	561.
77	4	1	1300	652.3	.222	.071	6.290	.059				96.70	30.10	10.00	4.10	570.
77	4	1	1900	576.3	.205	.072	6.090	.136				77.70	30.00	9.95	3.70	582.
77	4	2	100	519.7	.204	.074	6.090	.092				80.10	29.90	9.24	3.70	596.
77	4	2	700	508.8	.193	.074	6.040	.070				74.90	30.00	9.62	3.30	600.
77	4	2	1300	557.1	.187	.076	5.910	.068				67.30	30.30	8.55	3.20	605.
77	4	2	1900	1433.3	.260	.079	5.650	.123				135.00	29.90	9.50	5.70	617.
77	4	3	100	2999.6	.974	.096	4.850	.039				742.00	23.90	7.78	27.80	473.
77	4	3	700	3871.5	1.070	.100	5.460	.084				854.00	23.30	8.13	31.00	424.
77	4	3	1300	4070.2	1.040	.105	5.840	.069				774.00	23.60	8.61	28.40	433.
77	4	3	1900	4424.0	.960	.104	6.070	.082				763.00	21.60	9.08	29.40	396.
77	4	4	100	4456.5	.995	.106	6.300	.089				657.00	21.20	9.95	26.10	391.
77	4	4	700	4454.0	.881	.102	5.960	.105				599.00	19.70	10.20	24.20	377.
77	4	4	1300	4607.8	.946	.097	5.580	.029				618.00	17.60	8.60	26.70	353.
77	4	4	1900	4668.7	.898	.095	5.420	.330					17.10	6.82	24.20	364.
77	4	5	100	4761.1	.878	.080	5.360	.154					16.20	6.93	23.90	367.
77	4	5	700	4738.2	.738	.077	5.720	.874					17.10	7.15	19.70	389.
77	4	5	1300	4474.0	.681	.075	6.010	1.080					17.80	7.33	18.10	397.
77	4	5	1900	4130.7	.613	.080	6.120	.210					18.20	7.43	16.10	407.
77	4	6	100	3750.2	.559	.078	6.220	.567					18.90	7.64	14.10	418.
77	4	6	700	3383.3	.481	.078	6.230	.138					19.60	7.74	12.30	434.
77	4	6	1300	2972.6	.428	.081	6.220	.128					20.60	8.02	10.40	451.
77	4	6	1900	2550.0	.372	.073	6.200	1.300					22.00	7.77	8.80	472.
77	4	7	100	2158.4	.316	.066	6.060	1.500					22.80	7.75	7.10	491.
77	4	7	700	1848.4	.290	.075	5.830	.130					23.40	7.91	6.50	508.
77	4	7	1300	1606.4	.282	.075	5.750	.106					25.00	7.50	5.90	525.
77	4	7	1900	1496.3	.264	.077	5.590	.100					25.10	7.34	5.50	527.
77	4	8	100	1316.9	.213	.066	5.420	.102					26.20	7.45	4.10	560.
77	4	8	700	1211.6	.180	.058	5.250	.075					27.20	7.12	3.20	589.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR MEXICO, OHIO USGS NO. 04197000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	4	1	1900	576.3	.183	.059	5.030	.084					28.30	6.71	3.40	616.
77	4	11	1300	482.7	.180	.056	4.850	.109					28.20	6.40	3.30	634.
77	4	11	1900	466.3	.188	.059	4.960	.060				77.00	30.30	7.24	3.20	627.
77	4	12	1900	406.8	.213	.076	4.680	.056				64.50	31.40	7.29	2.80	652.
77	4	13	1900	335.2	.200	.050	4.100	.057				74.40	31.00	7.01	2.80	666.
77	4	14	1900	292.4	.185	.043	3.680	.051				68.00	31.50	5.79	2.90	681.
77	4	15	1900	260.3	.179	.037	3.340	.052				47.80	32.30	5.33	2.70	698.
77	4	16	1900	255.9	.174	.022	3.050	.035				66.20	33.80	4.42	2.70	711.
77	4	17	1900	215.6	.190	.013	2.600	.046				63.30	34.20	3.88	2.90	726.
77	4	18	1300	198.1	.185	.015	2.300	.018				67.50	33.60	4.05	2.70	728.
77	4	18	1900	191.7	.167	.048	2.610	.022				58.20	35.60	5.13	2.70	729.
77	4	19	1900	187.4	.096	.063	2.240	.043				76.00	35.80	5.09	.90	742.
77	4	2[illegible]	1900	175.2	.135	.047	1.870	.058				63.70	36.50	4.17	1.70	739.
77	4	21	1900	260.0	.155	.036	1.520	.122				59.80	36.70	3.44	2.20	752.
77	4	22	1900	450.0	.173	.061	1.260	.111				71.90	36.40	3.10	2.60	761.
77	4	23	1900	740.0	.260	.064	1.070	.113				124.00	36.20	3.46	4.30	749.
77	4	24	100	1200.0	.277	.059	1.260	.095				131.00	36.10	3.84	4.70	738.
77	4	24	700	1200.0	.314	.087	2.690	.115				121.00	36.00	5.86	4.80	673.
77	4	24	1300	1200.0	.299	.084	3.280	.167				126.00	39.00	6.44	4.50	685.
77	4	24	1900	1200.0	.276	.101	3.900	.163				121.00	46.30	7.07	3.50	684.
77	4	[illegible]	100	1250.0	.293	.092	3.710	.215				104.00	44.10	6.90	3.90	669.
77	4	25	700	1250.0	.304	.025	4.690	.022				102.00	70.90	6.92	4.00	640.
77	4	25	1300	1250.0	.296	.092	5.110	.110				90.70	41.30	8.00	3.80	630.
77	4	25	1900	1250.0	.266	.091	5.060	.181				103.00	36.90	6.53	3.60	622.
77	4	26	1900	1150.0	.210	.077	5.760	.085				101.00	35.70	7.31	2.70	623.
77	4	27	1900	840.0	.241	.076	5.620	.424				99.00	35.90	6.33	3.80	618.
77	4	28	1900	700.0	.213	.066	6.120	.135				80.30	35.60	6.42	3.50	629.
77	4	29	1900	534.6	.206	.065	5.390	.099				74.40	35.40	6.02	3.40	648.
77	4	3	1900	454.7	.194	.069	5.030	.195				52.10	35.90	6.17	2.60	659.
77	5	1	1900	413.5	.196	.061	4.820	.071				77.50	35.70	6.50	3.10	667.
77	5	2	1900	387.4	.197	.060	4.620	.053				89.90	35.00	5.62	3.40	668.
77	5	3	1900	390.5	.233	.079	5.290	.037		1.030		70.50	34.30	4.99	3.70	635.
77	5	4	1900	374.7	.231	.080	5.650	.044		1.380		85.80	33.10	3.51	4.00	633.
77	5	5	100	1246.0	.554	.096	5.520	.040		2.290		274.00	31.10	5.15	12.30	532.
77	5	5	700	2170.2	.848	.090	7.150	.042		3.170		564.00	31.00	6.04	20.00	523.
77	5	5	1300	2333.6	.834	.091	7.410	.049		3.370		512.00	31.10	6.41	19.10	514.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR MEXICO, OHIO USGS NO. 04197000

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 5 5 1900		2453.0	.872	.091	7.450	.050		3.430		527.00	30.90	6.47	19.60	525.
77 5 6 100		2637.2	.856	.095	7.580	.052		3.260		534.00	30.50	6.67	18.60	496.
77 5 6 700		2662.4	.806	.088	7.520	.055		3.250		454.00	31.00	6.80	17.80	497.
77 5 6 1300		2507.3	.819	.086	7.020	.058		2.200		427.00	31.30	6.63	16.50	500.
77 5 6 1900		2304.1	.749	.103	7.100	.057		6.820		401.00	31.20	6.71	14.60	489.
77 5 7 100		2118.9	.629	.093	7.470	.048		2.740		326.00	30.80	6.98	13.40	480.
77 5 7 700		1918.5	.554	.101	8.400	.045		2.750		275.00	29.70	7.71	12.30	493.
77 5 7 1300		1672.0	.531	.104	7.510	.053		3.020		257.00	30.70	7.10	11.60	506.
77 5 7 1900		1402.5	.408	.103	7.850	.056		2.080		192.00	30.50	7.69	8.30	519.
77 5 8 100		1173.3	.384	.104	7.400	.053		2.200		141.00	31.30	7.33	7.10	529.
77 5 8 700		1002.8	.335	.104	7.050	.062		1.750		118.00	31.40	6.93	6.10	547.
77 5 8 1300		861.7	.314	.104	7.100	.053		1.540		114.00	31.10	7.23	5.60	546.
77 5 8 1900		746.5	.332	.105	7.160	.062		2.440		136.00	31.50	7.53	6.00	565.
77 5 9 100		652.6	.279	.104	7.010	.052		2.150		99.80	31.70	7.37	4.80	583.
77 5 9 700		574.0	.294	.105	7.030	.061		1.550		106.00	31.90	7.59	5.20	588.
77 5 9 1300		523.4	.286	.101	6.840	.055		1.460		117.00	31.90	7.59	5.00	601.
77 5 9 1900			.279	.071	4.510	.048				120.00	31.00	5.34	4.70	629.
77 5 10 1300		67.5	.404	.045	.860	.154				146.00	43.70	1.57	5.00	808.
77 6 1 1900		58.0	.362	.031	.800	.109				77.10	41.80	1.60	3.70	802.
77 6 2 1900		56.6	.291	.039	.940	.090				81.00	42.30	1.88	3.70	794.
77 6 3 1900		53.8	.328	.041	.930	.112				97.00	43.10	1.64	4.10	803.
77 6 4 1900		52.4	.322	.038	.900	.112				98.80	43.30	2.00	4.10	799.
77 6 5 1900		55.2	.336	.016	.690	.114				107.00	43.80	1.94	4.80	795.
77 6 6 1300		49.0	.418	.032	.570	.327		2.100		124.00	43.50	3.43	5.00	833.
77 6 6 1900		49.0	.388	.219	1.910	.557		1.210		150.00	47.90	2.82	4.90	824.
77 6 7 1300		45.8	.263	.182	1.380	.274				188.00	46.20	2.55	6.30	834.
77 6 7 1900		47.6	.27	.152	1.250	.259				308.00	46.20	3.03	9.80	839.
77 6 8 1900		56.6	.29	.202	1.570	.410				349.00	45.40	2.92	12.00	850.
77 6 10 1900		77.0	.410	.185	1.330	.447				306.00	45.40	2.78	10.70	864.
77 6 11 1400		68.6	.638	.259	1.890	.677				293.00	47.10	3.24	10.80	885.
77 6 12 1900		70.0	.606	.151	1.370	.373				314.00	44.90	3.16	9.90	900.
77 6 13 1300		73.8	.199		1.960	.424		1.770		260.00	46.50	2.50	9.50	905.
77 6 13 1900		75.1	.767	.237	1.560	1.100		2.920		253.00	44.20	3.57	9.70	902.
77 6 14 100		75.1	1.230	.243	1.890	.035				410.00	43.60	5.40	17.50	911.
77 6 14 700		73.8	1.180	.223	1.860	.019				397.00	43.70	4.50	17.10	916.
77 6 14 1300		72.6	1.120	.233	1.750	.025				377.00	43.60	4.11	15.70	923.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR MEXICO, OHIO USGS NO. 04197000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	6	14	1900	71.3	1.270	.212	1.180	.192				402.00	45.70	3.20	18.10	933.
77	6	15	100	68.8	1.260	.208	1.160	.184				419.00	44.80	4.38	18.80	936.
77	6	15	700	65.0	1.300	.194	.990	.165				479.00	45.30	3.81	19.90	943.
77	6	15	1300	62.2	1.230	.192	.980	.475				436.00	46.30	2.89	18.50	933.
77	6	15	1900	60.8	1.250	.205	1.220	.091				409.00	45.90	3.64	17.90	943.
77	6	16	100	59.4	.972	.179	1.160	.036				217.00	45.70	2.27	13.80	946.
77	6	16	700	58.0	1.240	.195	1.030	.047				446.00	45.50	2.48	17.90	933.
77	6	16	1300	58.0	.951	.179	1.030	.126				307.00	46.20	2.03	12.60	935.
77	6	16	1900	56.6	1.790	.191	.840	.430				376.00	46.20	2.83	16.60	924.
77	6	17	100	55.2	1.060	.174	1.040	.103				327.00	46.30	3.37	15.40	914.
77	6	17	700	56.6	1.650	.188	.460	.500				563.00	46.30	3.85	24.50	928.
77	6	17	1300	56.6	1.310	.163	.580	.326				535.00	45.80	3.26	20.20	935.
77	6	17	1900	56.6	1.160	.177	.600	.322				360.00	46.10	2.98	16.10	940.
77	6	18	100	88.2	1.130	.161	.440	.411				375.00	46.30	2.40	15.50	918.
77	6	18	700	255.0	1.090	.176	.630	.347				364.00	46.30	2.65	14.40	916.
77	6	18	1300	238.5	1.180	.170	.580	.260				379.00	47.20	3.07	15.90	921.
77	6	18	1900	202.4	1.760	.180	.420	.401				569.00	47.00	2.97	25.30	926.
77	6	19	100	167.0	2.000	.183	.280	.499				667.00	47.60	1.88	28.50	928.
77	6	19	700	129.2	2.000	.183	.210	.790				554.00	47.80	1.35	24.50	934.
77	6	19	1300	108.8	2.000	.161	.150	.503				571.00	47.90	1.36	26.00	945.
77	6	19	1900	103.8	2.000	.166	.160	.499				803.00	48.50	2.12	34.20	956.
77	6	20	100	96.0	2.000	.122	.090	.994				668.00	49.60	.94	31.00	957.
77	6	20	700	92.1	1.850	.112	.130	.227				613.00	50.40	2.38	26.40	953.
77	6	20	1300	88.2	1.650	.110	.240	.352		6.090		507.00	49.90	3.72	23.60	949.
77	6	20	1900	81.6	.341		2.790	1.180				56.70	53.50	3.49	1.90	891.
77	6	21	1900	63.6	.239		3.830	1.410				48.20	53.80	3.85	1.60	790.
77	6	22	1900	53.8	.230		4.660	.760				42.80	49.00	3.75	1.50	774.
77	6	23	1900	51.0	.190		4.570	1.160				38.20	50.10	3.77	1.40	762.
77	6	24	1900	48.7	.197		4.340	1.260				30.10	51.00	3.76	1.20	769.
77	6	25	1900	48.7	.479	.258	4.450	1.270				102.00	47.00	3.88	2.50	756.
77	6	26	1900	46.4	.201	.195	4.790	.676				51.40	45.20	4.02	2.20	735.
77	6	27	1300	44.1	.181	.047	5.260	.321				39.90	40.60	5.17	1.70	732.
77	6	27	1900	43.0	.202	.081	5.960	.040				88.10	41.50	5.44	2.30	717.
77	6	28	1900	40.7	.178	.072	5.310	.078				75.20	40.90	5.39	2.20	714.
77	6	29	1900	40.7	.193	.073	4.610	.048				103.00	41.30	5.35	2.30	742.
77	6	30	1900	49.9	.173	.054	3.700	.044				71.00	42.10	4.06	2.10	748.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION #/CODE : NEAR MEXICO, OHIO USGS NO. 04197000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	7	1	100	66.3	.177	.054	3.650	.067				69.20	41.10	4.77	2.40	737.
77	7	1	700	107.1	.240	.068	3.550	.176				83.80	40.80	4.59	3.20	753.
77	7	1	1300	890.6	.381	.101	1.120	.085				132.00	47.50	2.77	5.60	819.
77	7	1	1900	1589.0	1.410	.085	4.990	.325				1063.00	37.30	4.18	44.70	663.
77	7	2	100	1794.4	2.000	.076	7.270	.494				2176.00	23.90	4.87	91.70	431.
77	7	2	700	1946.0	2.000	.072	10.300	.240				2012.00	25.90	6.08	80.80	469.
77	7	2	1300	1837.4	2.000	.085	8.230	.153				1877.00	22.70	5.49	75.80	435.
77	7	2	1900	1583.5	2.000	.090	8.250	.200				1787.00	24.40	5.35	71.50	430.
77	7	3	100	1331.1	1.540	.107	9.540	.208				1334.00	23.20	5.50	54.00	410.
77	7	3	700	1135.7	1.400	.073	10.900	.136				1144.00	22.10	6.13	48.30	541.
77	7	3	1300	954.4	1.030	.075	12.200	.111				768.00	24.00	6.67	33.70	579.
77	7	3	1900	759.7	.857	.077	13.100	.168				633.00	25.90	7.57	27.50	764.
77	7	4	100	603.7	.722	.071	12.900	.185				612.00	27.90	7.26	22.00	498.
77	7	4	700	494.5	.629	.065	11.700	.176				442.00	29.10	7.28	19.40	500.
77	7	4	1300	434.0	.701	.108	11.800	.039		2.670		461.00	29.10	8.10	16.70	529.
77	7	4	1900	377.8	.525	.098	12.100	.026				338.00	29.40	8.08	13.60	519.
77	7	5	100	328.7	.484	.090	12.700	.033				300.00	29.20	7.87	12.70	517.
77	7	5	700	284.1	.501	.088	12.700	.030				312.00	28.90	8.17	13.50	520.
77	7	5	1300	252.6	.452	.088	13.000	.056				279.00	28.50	8.27	11.40	522.
77	7	5	1900	240.3	.429	.084	12.600	.034				231.00	28.10	8.27	10.70	527.
77	7	6	100	402.3	.405	.083	12.700	.055				222.00	28.20	8.63	9.90	534.
77	7	6	700	400.0	.415	.084	12.100	.061				260.00	28.20	8.86	10.00	550.
77	7	6	1300	457.0	.461	.088	11.100	.055				296.00	28.90	9.27	10.90	574.
77	7	6	1900	553.2	.590	.082	10.400	.034				401.00	27.30	8.46	16.10	482.
77	7	7	100	595.7	.538	.084	10.800	.055				359.00	27.70	8.52	14.10	532.
77	7	7	700	527.2	.406	.094	11.600	.034				300.00	30.10	8.90	11.10	617.
77	7	7	1300	457.0	.459	.096	12.100	.034				265.00	31.30	9.16	9.60	623.
77	7	7	1900	406.8	.484	.127	9.150	.041				216.00	34.60	9.30	8.70	616.
77	7	8	100	353.3	.516	.127	8.250	.040				258.00	34.60	8.29	9.80	481.
77	7	8	700	306.3	.484	.104	8.740	.033				259.00	31.60	8.47	10.00	537.
77	7	8	1300	295.2	.477	.096	7.910	.034				267.00	29.60	8.74	10.60	519.
77	7	8	1900	409.8	.414	.091	8.390	.047				223.00	27.90	8.55	8.90	509.
77	7	9	100	394.2	.474	.088	9.060	.036				296.00	27.60	8.02	11.20	481.
77	7	9	700	314.9	.471	.083	9.060	.038				282.00	26.80	8.28	11.10	473.
77	7	9	1300	240.3	.437	.079	9.160	.059				261.00	26.70	8.88	10.20	481.
77	7	9	1900	217.8	.433	.085	9.360	.038				214.00	26.40	8.79	10.20	467.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR MEXICO, OHIO USGS NO. 04197000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	7	10	100	229.1	.462	.085	9.790	.070				258.00	27.30	8.34	11.10	453.
77	7	10	700	289.6	.547	.083	9.820	.075				354.00	27.50	8.35	14.30	439.
77	7	10	1300	298.0	.504	.083	9.390	.106				292.00	26.70	8.39	12.10	454.
77	7	10	1900	260.3	.447	.077	9.200	.056				216.00	28.00	8.30	10.00	476.
77	7	11	100	220.1	.419		9.390	.054				192.00	27.90	8.30	8.70	476.
77	7	11	700	187.8	.415		8.770	.045		1.660		208.00	28.30	8.94	8.70	535.
77	7	11	1300	167.9	.340	.338	6.340	.334				199.00	33.80	11.30	7.60	550.
77	7	12	1300	135.5	.238		5.620	.384				93.90	36.50	11.80	4.70	580.
77	7	13	1300	88.2	.192		6.130	.237				68.70	34.30	12.00	3.10	598.
77	7	14	1300	65.2	.133		5.750	.237				72.00	34.80	12.10	2.60	600.
77	7	15	1300	60.1	.131		5.080	.377				47.80	35.10	11.40	1.60	595.
77	7	16	1300	52.9	.135		4.450	.377				48.90	35.60	10.80	1.40	566.
77	7	17	1300	51.9	.137		4.240	.344				41.20	35.70	10.20	1.40	579.
77	7	18	700	192.9	.197	.173	3.910	.205				99.30	34.40	10.80	3.50	588.

EAST BRANCH WOLF CREEK
NEAR
BETTSVILLE, OHIO

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK EAST BRANCH

LOCATION W/CODE : NEAR BETTSVILLE, OHIO USGS NO. 04197450

SAMPLING DATE YR	MO	DY	TIME 24... HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	1	28	1800		.220	.070	2.900	.250				40.70	22.00			441.
76	1	29	2400	33.4	.230	.080	2.900	.250				31.50	23.00			446.
76	1	30	600	242.7	.196	.080	3.000	.250				23.30	24.00			448.
76	1	29	1200	143.5	.203	.090	2.900	.250				21.30	23.00			468.
76	1	29	1800	107.9	.111	.090	3.000	.210				13.88	24.00			482.
76	1	29	2400	73.2	.169	.070	3.000	.170				15.50	25.00			497.
76	1	30	600	88.5	.183	.070	3.000	.220				19.60	26.00			522.
76	1	30	1200	140.7	.167	.070	3.000	.220				17.80	27.00			537.
76	1	30	1800	73.2	.163	.070	3.000	.210				23.90	27.00			539.
76	1	30	2400	48.3	.156	.070	3.000	.200				8.90	27.00			558.
76	1	31	600	73.2	.149	.070	3.000	.210				12.20	28.00			570.
76	1	31	1200	115.3	.149	.070	3.000	.180				13.30	29.00			583.
76	1	31	1800	48.3	.140	.070	3.000	.160				16.40	28.00			587.
76	1	31	2400	46.1	.145	.07	3.000	.160				13.50	29.00			600.
76	2	1	600	38.6	.141	.070	2.900	.130				5.00	30.00			695.
76		1	1200	40.0	.130	.050	3.000	.160				4.70	34.00			717.
76		1	1800	16.6	.141	.050	2.900	.120				6.50	35.00			803.
76		2	2400	16.0	.123	.050	2.900	.120				5.80	35.00			806.
76		2	1200	16.4	.111	.050	2.800	.150				2.70	35.00			814.
76		2	1800	24.5	.117	.050	2.600	.130				5.10	37.00			815.
76		3	600	19.4	.103	.050	2.600	.140				5.70	36.00			817.
76		3	1200	15.9	.096	.060	.500	.340				10.60	29.00			788.
76		3	2400	15.9	.250	.250	.500	.340				13.50	19.00			794.
76		4	600	15.9	.235	.250	.630	.350				13.20	13.00			797.
76		4	1200	15.4	.250	.250	.500	.350					23.00			802.
76		4	1800	12.7	.240	.240	.600	.330				13.50	17.00			765.
76		4	2400	12.7	.332	.17	1.500	.270				67.70	26.00			573.
76		5	600	19.4	.311	.150	2.200	.220				117.00	61.00			424.
76		5	1200	735.5	.600	.140	1.800	.250					55.00			347.
76		5	1800	1335.6	.573	.140	2.000	.190				207.00	71.00			262.
76		5	2400	1247.1	.577	.140	2.200	.150				135.00	86.00			229.
76		6	600	1086.1	.490	.140	2.200	.140				106.00	74.00			225.
76		6	1200	729.7		.180	1.800	.150				85.50	43.00			249.
76		6	1800	632.9	.431	.160	2.100	.150				76.10	59.00			292.
76		6	2400	762.9	.404											
76		7	600	642.4	.375	.190	1.900	.170				68.90	147.00			330.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK EAST BRANCH

LOCATION W/CODE : NEAR BETTSVILLE, OHIO USGS NO. 04197450

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	2	14	1200	395.5	.324	.200	1.500	.170				65.10	36.00			355.
76	2	14	1800	255.3		.200	1.300	.160				64.00	31.00			
76	2	14	2400	192.2	.373	.200	1.300	.170				114.00	31.00			350.
76	2	15	600	179.3	.371	.200	1.400	.160				102.00	48.00			345.
76	2	15	1200	167.2	.338	.210	1.200	.150				89.40	17.00			342.
76	2	15	1800	169.6	.351	.230	1.300	.160				60.20	71.00			343.
76	2	15	2400	219.2	.315	.240	1.200	.160				91.40	33.00			355.
76	2	16	600	338.7	.295	.240	1.200	.160				92.50	29.00			372.
76	2	16	1300	472.1	.260	.040	3.300	1.000				137.00	22.00			445.
76	2	16	1900	868.1	.506	.080	3.100	.270				461.00	20.00			396.
76	2	17	100	1282.6	.911	.080	3.100	.470				735.00	18.00			334.
76	2	17	700	2096.3	1.040	.070	2.900	.830				787.00	16.00			277.
76	2	17	1300	2755.5	1.260	.060	2.900	1.000				1042.00	15.00			245.
76	2	18	1300	992.4	1.340	.060	2.700	1.000				1115.00	13.00			228.
76	2	18	1900	741.3	1.160	.060	2.800	.340				954.00	13.00			239.
76	2	19	100	616.8	.755	.060	3.300	.250				594.00	15.00			282.
76	2	19	700	576.9	.590	.070	4.000	.380				335.00	18.00			342.
76	2	19	1300	561.9	.296	.050	5.000	.140				144.00	23.00			446.
76	2	19	1900	492.0	.281	.050	5.000	.120				132.00	23.00			450.
76	2	20	100	404.1	.312	.050	5.200	.520				140.00	24.00			453.
76	2	20	700	346.4	.263	.050	5.200	.120				121.00	24.00			464.
76	2	20	1300	305.3	.242	.050	5.100	.110				105.00	24.00			482.
76	2	20	1900	271.0	.193	.040	5.300	1.000				93.20	25.00			491.
76	2	21	100	258.4	.194	.040	5.200	1.000				81.70	25.00			513.
76	2	21	700	245.8	.194	.040	5.200	1.000				75.70	26.00			524.
76	2	21	1900	359.8	.184	.050	5.000	1.000				65.50	26.00			546.
76	2	22	100	611.8	.172	.040	5.200	.190				58.80	27.00			557.
76	2	22	700	702.0	.188	.030	5.000	1.130				75.70	28.00			581.
76	2	22	1300	690.9	.173	.040	5.100	1.000				70.70	28.00			596.
76	2	22	1900	541.8	.289	.030	5.000	.090				176.00	27.00			536.
76	2	23	100	444.3	.367	.040	5.300	1.000				267.00	27.00			495.
76	2	23	700	354.4	.376	.040	5.300	.480				212.00	26.00			409.
76	2	23	1300	298.4		.050	5.600	.100		2.380		41.30	28.00			535.
76	2	24	1300	160.0		.050	5.400	.100		1.460		22.10	29.00			602.
76	2	25	1300	123.7		.050	5.100	.090		1.480		6.80	30.00			642.
76	2	26	1300	95.1		.050	4.900	.080		1.210		6.00	31.00			663.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK EAST BRANCH

LOCATION W/CODE : NEAR BETTSVILLE, OHIO USGS NO. 04197450

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	2	27	1300	71.7		.040	4.700	.090		4.300		8.00	31.00			670.
76	2	28	1300	56.1								8.00	31.00			679.
76	2	29	1900	54.7		.050	4.400	.060		.820						
76	2	29	1300	42.9		.040	4.300	.060		2.470		19.50	34.00			707.
76	3	1	700	41.1		.040	4.100	.050		1.210		20.30	32.00			711.
76	3	1	1300	41.1	.099	.060	4.500	.240					23.00			663.
76	3	2	1300	30.1	.091	.040	3.800	.140				18.50	23.00			670.
76	3	3	1300	48.3	.092	.040	3.700	.050				15.50	23.00			692.
76	3	3	1900	210.5	.109	.040	3.700	.060				19.00	26.00			746.
76	3	4	100	298.4	.106	.050	3.500	.320				24.70	26.00			734.
76	3	4	700	487.0	.114	.040	3.500	.040				28.00	23.00			736.
76	3	4	1300	842.8	.359	.040	3.300	.040				221.00	22.00			711.
76	3	4	1900	1098.7	.523	.040	3.200	.100				366.00	18.00			623.
76	3	5	100	1369.4	.576	.050	3.200	.050				325.00	17.00			579.
76	3	5	700	1505.8	.824	.070	2.700	.110				563.00	13.00			447.
76	3	5	1300	1325.6	.933	.080	3.100	.080				658.00	15.00			437.
76	3	5	1900	992.4	.819	.070	3.700	.080				506.00	11.00			546.
76	3	6	100	842.8	.660	.070	3.800	.060				396.00	10.00			324.
76	3	6	700	616.8	.509	.080	3.900	.060				172.00	10.00			343.
76	3	6	1900	453.5	.481	.070	4.100	.040				205.00	11.00			375.
76	3	7	100	382.5	.487	.060	4.200	.040				190.00	12.00			389.
76	3	7	700	207.9	.506	.070	4.100	.060				183.00	12.00			401.
76	3	7	1300	207.9	.419	.060	4.000	.040				146.00	13.00			435.
76	3	7	1900	207.9	.331	.060	4.000	.070				103.00	12.00			473.
76	3	8	100	100.0	.277	.060	4.100	.030				85.50	14.00			501.
76	3	8	700	100.0	.234	.050	4.300	.010				96.70	14.00			519.
76	3	8	1140	100.0	.137	.070	4.400	.080		.760		43.80	31.00		.90	592.
76	3	9	1140	67.0	.112	.040	4.300	.110		.130		29.80	32.00		1.60	619.
76	3	10	1140	53.6	.097	.040	4.100	.120		.070		16.60	33.00		3.60	641.
76	3	11	1140	53.6	.085	.030	3.900	.030		.170		17.70	34.00		2.10	665.
76	3	12	1140	48.3	.079	.020	3.800	.100		.590		16.70	35.00		1.60	692.
76	3	13	640	48.3	.075	.010	3.700	.080		.440		21.30	36.00		1.10	702.
76	3	14	1140	44.0	.075	.030	3.500	.070		1.040		14.40	37.00		.90	711.
76	3	15	1140	33.9	.086	.020	3.500	.150		.710		13.30	41.00		1.10	725.
76	3	15	1300	33.9	.077	.050	3.400	.100		.710		11.60	34.00			722.
76	3	16	1300	30.8	.097	.060	3.200	.070		.700		11.30	34.00			732.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK EAST BRANCH

LOCATION W/CODE : NEAR BETTSVILLE, OHIO USGS NO. 04197450

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	3	17	1300	30.8	.101	.070	3.100	.050		.650		13.20	33.00			735.
76	3	18	1300	30.8	.098	.060	2.900	.060		.750		7.70	34.00			733.
76	3	19	1300	34.8	.078	.050	2.800	.040		.720		11.20	37.00			745.
76	3	20	700	52.5	.086	.040	2.800	.010		.820		24.50	44.00			769.
76	3	21	1300	62.3	.090	.030	2.700	.010		.840		12.60	35.00			724.
76	3	22	700	104.1	.132	.060	3.000	.050		1.050		23.20	37.00			710.
76	3	24	1445	74.6	.202	.030	2.900	.120				55.60	32.00			645.
76	3	25	645	56.1	.113	.020	3.000	.200				48.90	33.00			651.
76	3	25	2245	34.8	.110	.020	2.900	.060				1.50	32.00			672.
76	3	26	1445	33.1	.095	.020	2.600	.040				32.40	32.00			665.
76	3	27	645	26.2	.085	.040	2.400	.040				43.80	32.00			688.
76	3	27	2245	26.2	.080	.080	2.300	.080				39.40	32.00			694.
76	3	28	1445	24.9	.100	.100	2.000	.100				36.50	33.00			696.
76	3	29	245	21.8	.073	.020	2.000	.020				33.20	33.00			706.
76	3	29	1125	20.5	.104	.020	2.200	.030				21.60	33.00			711.
76	3	29	2325	20.5	.083	.020	2.100	.020				23.60	38.00			745.
76	3	30	1125	20.5	.110	.020	1.900	.030				31.00	36.00			736.
76	3	30	2325	18.9	.102	.030	1.850	.040				35.00	36.00			748.
76	3	31	1125	18.9	.108	.020	1.750	.030				40.90	37.00			742.
76	3	31	2325	18.9	.087	.020	1.700	.020				22.00	36.00			762.
76	4	1	1125	18.9	.098	.030	1.650	.010				22.60	42.00			790.
76	4	5	1300	18.9	.064	.030	1.600	.070				27.10	35.00			749.
76	4	5	2025	18.9	.101	.035	1.700	.020				23.30	35.00			757.
76	4	6	1300	23.1	.050	.030	1.600	.060				22.70	37.00			754.
76	4	7	1300	19.9	.055	.030	1.600	.070				22.80	41.00			767.
76	4	8	1300	16.8	.065	.040	1.500	.080				19.20	40.00			763.
76	4	9	1300	15.3	.051	.040	1.400	.070				12.30	39.00			753.
76	4	10	1300	14.4	.040	.040	1.300	.050				11.40	40.00			756.
76	4	11	1300	13.5	.058	.040	1.200	.040				11.90	44.00			771.
76	4	12	700	13.5	.057	.040	1.300	.090				13.90	39.00			768.
76	4	12	1300	13.0	.089	.050	1.000	.170				9.90	36.00			761.
76	4	13	1300	12.6	.067	.030	1.000	.420				7.60	39.00			769.
76	4	14	1300	11.7	.083	.040	.900	.200				12.70	38.00			777.
76	4	15	1300	11.7	.080	.030	.800	.140				17.30	36.00			767.
76	4	16	1300	11.7	.097	.020	.700	.160				28.40	39.00			777.
76	4	17	1300	10.8	.084	.010	.500	.600				10.70	37.00			770.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK EAST BRANCH

LOCATION W/CODE : NEAR BETTSVILLE, OHIO USGS NO. 04197450

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 4 18	1300	8.9	.089		.200	.130				16.30	36.00			743.
76 4 19	700	8.6	.089		.100	.100				17.10	37.00			751.
76 4 19	1300	9.2	.105	.040	.500	.230				11.20	37.00			717.
76 4 20	1300	9.8	.090	.040	.300	.260				18.10	39.00			725.
76 4 21	1300	10.4	.092	.040	.300	.290				17.00	40.00			744.
76 4 22	1300	11.7	.091	.030	.300	.190				20.00	39.00			763.
76 4 23	1300	15.3	.091	.030	.400	.170				22.80	43.00			811.
76 4 24	1300	12.0	.087	.020	.400	.160				20.90	39.00			769.
76 4 25	1300	16.8	.097	.020	.400	.100				25.10	40.00			789.
76 4 26	700	22.4	.086	.020	.600	.110				21.60	46.00			847.
76 4 26	1300	22.4	.054	.030	.900	.070				16.80	49.00		1.41	817.
76 4 27	1300	23.1	.078	.040	1.100	.100				9.20	48.00		1.64	801.
76 4 28	1300	21.2	.060	.020	.900	.090				6.70	47.00		1.04	762.
76 4 29	1300	18.4	.025	.020	.700	.110				7.50	48.00		.83	764.
76 4 30	1300	19.4	.035	.010	.600	.110				17.00	45.00		.91	735.
76 5 1	1300	27.0	.125	.050	3.000					21.60	50.00			711.
76 5 11	1300	19.9	.115	.050	3.200					20.50	48.00			726.
76 5 12	1300	17.9	.108	.060	3.000	.040				24.00	49.00			760.
76 5 13	1300	15.3	.115	.030	2.500					32.50	53.00			750.
76 5 14	1300	13.4	.108	.030	2.200					24.80	59.00			761.
76 5 15	1300	14.8	.121	.030	1.900					20.70	58.00			787.
76 5 16	1300	14.8	.118	.020	1.500					29.80	59.00			774.
76 5 17	700	16.5	.133	.030	1.400					41.30	56.00			764.
76 5 17	1300	16.8	.133	.040	2.800	.010				37.20	45.00			750.
76 5 18	1300	57.6	.226	.050	1.700	.110				108.00	47.00			744.
76 5 19	700	881.7	.98	.110	5.800	.140				670.00	40.00			676.
76 5 19	1300	1178.4	1.160	.140	13.200	.150				599.00	25.00			459.
76 5 19	1300	1369.4	.941	.120	13.600	.090				700.00	23.00			415.
76 5 20	1300	1362.1	.298	.120	16.600	.070				75.20	33.00			640.
76 5 21	1300	145.8	.182	.080	14.700	.070				45.30	35.00			693.
76 5 22	1300	80.3	.151	.060	12.400	.080				35.90	34.00			708.
76 5 23	1300	52.5	.134	.050	10.500	.040				47.60	36.00			736.
76 5 23	1300	34.9	.124	.040	9.300	.050				34.40	34.00			737.
76 5 24	700	27.7	.120	.040	8.300	.030				37.90	34.00			748.
76 5 24	1145	29.3	.145	.030	6.900	.100				40.10				750.
76 5 25	1133	25.7	.088	.025	6.300	.045				37.80				764.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK EAST BRANCH

LOCATION W/CODE : NEAR BETTSVILLE, OHIO USGS NO. 04197450

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	5	26	1130	19.4	.073	.025	5.800	.560				32.50				771.
76	5	27	1130	16.3	.067	.020	4.700	.051				30.50				768.
76	5	28	1130	14.8	.064	.015	4.700	.110				29.60				774.
76	5	29	1130	13.5	.064	.012	4.000	.140				28.40				778.
76	5	30	1130	13.5	.059		3.600	.210				27.40				774.
76	5	31	530	16.3	.068		3.200	.011				30.40				803.
76	5	31	1300	16.3	.490	.030	3.130	.050				44.30	43.00			812.
76	5	31	1900	16.3	.466	.020	3.070					42.10	45.00			807.
76	6	1	100	15.3	.292	.010	2.880					50.50	45.00			805.
76	6	1	700	15.3	.546	.020	2.770	.010				32.30	44.00			814.
76	6	1	1300	176.9	.120	.120	3.420					313.00	34.00			624.
76	6	1	1900	233.7	.082	.080	5.130					166.00	41.00			758.
76	6	2	100	213.4	.120	.120	6.700					268.00	32.00			605.
76	6	2	700	181.7	.140	.140	10.700	.040				254.00	32.00			624.
76	6	2	1300	145.8	.332	.110	12.200	.040				154.00	36.00			714.
76	6	2	1900	115.3	.265	.090	13.600					97.20	40.00			785.
76	6	3	100	90.3	.232	.070	14.100					107.00	42.00			813.
76	6	3	700	78.9	.209	.070	13.800					89.50	42.00			827.
76	6	3	1300	68.9	.191	.070	12.300					81.10	42.00			818.
76	6	3	1900	57.3	.179	.060	10.000					73.10	41.00			819.
76	6	4	100	49.3	.174	.050	9.890					69.50	41.00			816.
76	6	4	700	42.9	.165	.050	9.010					66.40	42.00			819.
76	6	4	1300	37.5	.162	.040	8.470	.010				31.60	41.00			821.
76	6	5	1300	24.9	.226	.110	8.520					58.70	43.00			839.
76	6	6	1300	18.4	.130	.030	7.590					51.60	42.00			849.
76	6	7	700	14.4	.134	.040	6.650					43.10	43.00			860.
76	6	7	1300	14.4	.310	.310	6.300	.070				45.80	44.00			763.
76	6	7	1900	14.4	.085	.060	6.200	.070				35.80	44.00			759.
76	6	8	100	13.9	.120	.060	6.200	.080				55.80	44.00			771.
76	6	8	700	12.6	.092	.040	6.000	.080				31.90	44.00			782.
76	6	8	1300	12.2	.094	.050	5.900	.160				39.50	45.00			775.
76	6	8	1900	12.2	.078	.050	5.700	.110				32.00	45.00			776.
76	6	9	100	12.2	.089	.040	5.600	.120				31.70	46.00			783.
76	6	9	700	10.8	.078	.050	5.500	.130				31.00	46.00			783.
76	6	9	1300	10.4	.075	.050	5.300	.150				31.40	46.00			785.
76	6	9	1900	10.4	.076	.050	5.300	.210				29.20	47.00			779.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK EAST BRANCH

LOCATION & CODE : NEAR BETTSVILLE, OHIO USGS NO. 04197450

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 6 10	100	10.4	.067	.040	5.300	.130				23.80	47.00			795.
76 6 11	700	10.1	.071	.040	5.300	.080				34.20	48.00			802.
76 6 11	1300	9.8	.079	.045	5.000	.150				37.20	48.00			785.
76 6 11	1900	9.6	.072	.030	4.400	.240				51.90	52.00			801.
76 6 12	1300	8.0	.088	.030	3.700	.250				36.00	53.00			780.
76 6 13	1300	7.2	.092	.030	2.800	.270				20.30	52.00			762.
76 6 14	700	6.2	.101	.030	2.100	.150				17.90	52.00			741.
76 6 14	1300	5.7	.090	.090	4.000	.130				16.40	56.00		.20	714.
76 6 15	1300	4.9	.080	.080	5.200	.150				14.70	57.00		.20	736.
76 6 16	1300	4.7	.087	.070	4.260	.120				13.10	57.00		.30	749.
76 6 17	1300	4.6	.080	.080	4.200	.100				8.00	58.00		.20	762.
76 6 18	1300	3.9	.074	.060	3.400	.110				6.40	58.00		.30	751.
76 6 19	1300	6.0	.135	.065	2.500	.110				33.90	58.00		.40	731.
76 6 20	1300	24.0	.191	.141	1.600	.090				57.90	61.00		.70	786.
76 6 21	700	20.7	.147	.085	1.530	.060				46.80	64.00		.60	823.
76 6 21	1900	23.1	.201	.091	1.700	.040		2.390		45.00	60.00			
76 6 22	1300	10.0	.175	.060	2.500	.040		1.630		49.30	71.00			
76 6 23	1300	6.9	.172	.075	2.200	.030		1.300		37.30	58.00			
76 6 24	1300	6.0	.161	.060	2.200	.070		1.520		37.70	55.00			
76 6 24	1900	6.0	.197	.080	2.100	.180		1.590		38.20	55.00			
76 6 25	100	22.0	.196	.080	2.500	.140		1.670		54.80	54.00			
76 6 25	700	22.0	.191	.060	3.600	.100		1.590		68.60	53.00			
76 6 25	1300	22.0	.206	.070	4.700	.040		1.650		73.70	55.00			
76 6 25	1900	41.1	.209	.060	5.700	.060		1.590		77.20	51.00			
76 6 26	100	50.4	.225	.060	6.000	.070		2.700		83.90	49.00			
76 6 26	700	48.0	.209	.055	6.000	.080		1.520		83.60	50.00			
76 6 26	1300	54.0	.236	.07	1.200	.070		1.720		92.90	48.00			
76 6 26	1900	44.0	.247	.080	13.100	.060		1.730		97.20	51.00			
76 6 27	100	35.7	.224	.080	10.700	.010		2.100		83.80	55.00			
76 6 27	700	28.3	.221	.070	12.900	.010		2.190		74.80	55.00			
76 6 27	1300	25.4	.227	.090	13.100	.030		2.100		78.90	54.00			
76 6 27	1900	21.0	.220	.070	9.600			2.410		77.70	51.00			
76 6 28	100	19.4	.210	.080	8.700			2.120		56.00	48.00			
76 6 28	700	17.9	.200	.090	8.200			1.740		49.90	49.00			
76 6 28	1300	16.0	.210	.090	9.000	.090				59.80	47.00			778.
76 6 28	1900	15.1	.190	.060	8.100	.040				49.60	46.00			773.

AD-A079 691 CORPS OF ENGINEERS BUFFALO N Y BUFFALO DISTRICT F/G 6/6
WATER QUALITY DATA FOR SANDUSKY RIVER MATERIAL TRANSPORT STATIO--ETC(U)
AUG 78

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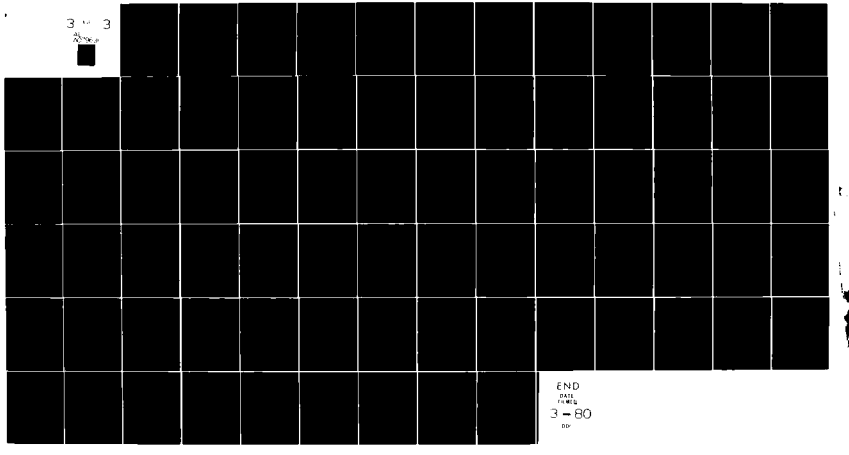

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK EAST BRANCH

LOCATION W/CODE : NEAR BETTSVILLE, OHIO USGS NO. 04197450

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 6 30	1300	9.8	.165	.050	8.200	.040				43.60	47.00			781.
76 7 1	100	8.6	.145	.030	7.300	.020				39.00	52.00			821.
76 7 1	1300	7.5	.149	.020	7.500	.010				37.30	52.00			813.
76 7 2	100	7.5	.147	.020	7.800	.010				42.30	51.00			813.
76 7 2	700	7.0	.139	.020	8.000	.020				34.10	51.00			812.
76 7 2	1000	6.7	.133	.070	7.700	.160		1.000		31.90	57.00			820.
76 7 2	2200	6.7	.123	.030	8.200	.180		1.400		37.30	56.00			801.
76 7 3	1000	6.7	.124	.020	8.500	.150		1.300		36.90	55.00			803.
76 7 3	2200	6.7	.119	.010	8.300	.120		1.400		34.30	55.00			783.
76 7 4	1000	6.5	.122		8.200	.060		1.300		36.70	54.00			788.
76 7 4	2200	6.2	.098		8.300	.020		1.300		39.90	54.00			790.
76 7 5	1000	5.7	.110		8.100	.020		1.500		33.10	53.00			746.
76 7 11	1900	6.5	.114	.020	8.000	.430				22.50	48.00			718.
76 7 12	100	4.0	.090	.010	8.100	.240				25.90	48.00			699.
76 7 12	700	4.0	.111	.010	7.700	.660				20.90	48.00			683.
76 7 12	1300	4.0	.093	.040	1.300	.130				37.00	55.00			718.
76 7 13	100	2.6	.068	.010	2.590	.080				30.80	54.00			737.
76 7 13	1300	2.6	.061		1.830	.330				24.00	57.00			737.
76 7 14	100	1.7	.086	.030	2.210	.150				32.00	57.00			753.
76 7 14	1300	1.7	.074	.010	1.180	.150				23.50	58.00			743.
76 7 15	100	1.7	.082		.990	.110				39.60	58.00			757.
76 7 15	1300	1.7	.073		.560	.130				27.60	60.00			733.
76 7 16	100	1.7	.086		.510	.190				41.70	57.00			689.
76 7 16	1300	2.6	.083		.410	.130				32.00	58.00			691.
76 7 17	100	2.3	.097		.480	.150				36.10	57.00			694.
76 7 17	1300	2.3	.094		.420	.110				31.00	57.00			684.
76 7 18	100	1.7	.122		.600	1.000				38.10	58.00			701.
76 7 18	1300	1.7	.111		.570	.150				29.90	58.00			687.
76 7 19	100	1.0	.117		.620	.570				29.40	58.00			698.
76 7 19	700	1.0	.115		.580	.060				29.20	58.00			686.
76 7 19	1300	1.0	.097	.020	.070	.010				26.90	57.00			680.
76 7 20	100	.8	.065		.040					29.90	57.00			693.
76 7 20	1300	.8	.092		.090					31.10	56.00			688.
76 7 21	100	.8	.117		.080	.010				31.60	57.00			694.
76 7 21	1300	.8	.101		.070					30.10	54.00			662.
76 7 22	100	1.2	.078		.040	.030				39.40	54.00			664.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK EAST BRANCH

LOCATION W/CODE : NEAR BETTSVILLE, OHIO USGS NO. 04197450

SAMPLING DATE YR	MO	DY	TIME 24 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	7	22	1300	1.2	.081	.010	.020	.150				28.30	55.00			665.
76	7	23	100	4.6	.082		.040					43.20	52.00			651.
76	7	23	1300	7.2	.134	.010	.030	.320				58.40	51.00			624.
76	7	24	100	6.5	.083		.060	.070				50.80	50.00			640.
76	7	24	1900	45.0	.105		.050	.040				82.10	49.00			631.
76	7	25	100	57.3	.158		.030					88.20	46.00			605.
76	7	25	700	134.7	.159		.040	.020				82.60	42.00			591.
76	7	25	1300	162.4	.168		.300					118.00	55.00			666.
76	7	25	1900	104.1	.314		.320					189.00	36.00			507.
76	7	26	100	73.2	.326	.010	.320					229.00	38.00			520.
76	7	26	700	49.3	.623	.350	.430					161.00	59.00			621.
76	7	26	1300	35.7	.613	.270	5.200	.010				226.00	31.00			423.
76	7	26	1900	27.7	.573	.240	5.600	.010				204.00	24.00			391.
76	7	27	100	22.4	.671	.300	5.700	.050				190.00	22.00			382.
76	7	27	700	18.4	.530	.210	5.500	.020				166.00	21.00			376.
76	7	27	1300	15.3	.502	.200	5.300	.020				172.00	20.00			377.
76	7	27	1900	13.5	.452	.190	5.300	.010				129.00	21.00			380.
76	7	28	100	11.7	.405	.180	5.100	.020				95.30	21.00			381.
76	7	28	700	10.1	.396	.180	5.000	.010				112.00	21.00			388.
76	7	28	1300	10.1	.379	.160	4.800	.020				106.00	21.00			394.
76	7	28	1900	12.2	.339	.160	4.700	.020				81.70	21.00			389.
76	7	29	100	9.6	.317	.160	4.800	.020				73.60	21.00			387.
76	7	29	700	9.2	.313	.150	4.600	.030				77.40	21.00			388.
76	7	29	1300	8.3	.310	.140	4.500	.030				84.30	21.00			393.
76	7	29	1900	7.8	.295	.130	4.400	.040				67.60	22.00			402.
76	7	30	100	7.4	.269	.130	4.300	.020				50.20	22.00			410.
76	7	30	700	7.0	.263	.130	4.300	.030				64.60	22.00			410.
76	7	30	1300	7.0	.260	.110	4.200	.040				59.30	22.00			413.
76	7	30	1900	6.6	.237	.100	4.100	.040				47.10	23.00			419.
76	7	31	100	6.5	.206	.110	4.100	.040				53.90	24.00			428.
76	7	31	700	6.2	.235	.100	4.000	.020				50.70	25.00			430.
76	7	31	1300	5.8	.239	.090	3.900	.020				50.60	25.00			426.
76	7	31	1900	5.5	.216	.080	3.800	.010				44.60	24.00			416.
76	8	1	100	5.5	.207	.080	4.000	.010				49.20	25.00			428.
76	8	1	700	5.5	.215	.070	3.900					49.40	25.00			435.
76	8	1	1300	5.0	.207	.060	3.700					38.80	25.00			430.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK EAST BRANCH

LOCATION W/CODE : NEAR BETTSVILLE, OHIO USGS NO. 04197450

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 A 1	1900	5.5	.109	.050	3.600					39.70	26.00			432.
76 A 2	100	5.7	.178	.060	3.800	.010				37.90	27.00			446.
76 A 2	700	6.2	.183	.050	3.700					37.90	28.00			448.
76 A 9	1900	8.6	.120	.040	1.000	.060				80.50	40.00			504.
76 A 10	700	8.6	.117	.040	1.100	.010				36.00	40.00			533.
76 A 10	1900	7.8	.110	.030	.500	.200				33.20	44.00			504.
76 A 11	700	7.0	.121	.030	.500	.070				28.80	46.00			536.
76 A 11	1900	7.0	.080	.020	.200	.150				108.00	49.00			526.
76 A 12	700	6.5	.087	.020	.200	.150				106.00	55.00			551.
76 A 12	1900	6.9	.083	.010	.100	.130				15.00	57.00			551.
76 A 13	700	19.9	.130	.020	.300	.060				43.00	58.00			545.
76 A 13	1900	20.5	.150	.020	.400	.100				74.20	60.00			581.
76 A 14	1900	19.4	.148	.030	.400	.030				55.80	57.00			648.
76 A 14	700	28.5	.152	.040	.600	.080				71.00	65.00			659.
76 A 15	700	14.8	.155	.040	.500	.020				58.30	52.00			617.
76 A 15	1900	13.5	.166	.040	.700	.010				49.70	47.00			564.
76 A 16	700	9.7	.179	.070	.900	.050				62.50	43.00			546.
76 A 16	1300	9.0	.186	.070	1.000					60.10	42.00			537.
76 A 16	1900	9.0		.120	1.100	.110				36.00	50.00		1.60	556.
76 A 17	1900	5.5		.100	.900	.110				33.90	57.00		1.30	564.
76 A 18	1900	3.9		.100	.900	.140				31.10	61.00		1.10	615.
76 A 19	1900	2.7		.090	.800	.160				24.10	63.00		.80	631.
76 A 20	1900	1.8		.080	.800	.120				19.60	61.00		.70	628.
76 A 21	1900	1.4		.060	.500	.060				18.30	60.00		.60	596.
76 A 22	1900	1.1		.040	.300	.040				16.10	57.00		.50	579.
76 A 23	700	.9		.040	.300	.030				21.70	57.00		.70	599.
76 A 23	1300	.9	.086	.060	.200	.170				19.10	56.00			606.
76 A 24	1300	.7	.097	.050	.200	.180				17.90	58.00			618.
76 A 25	1300	.6	.094	.060	.200	.160				17.80	57.00			626.
76 A 26	1300	.5	.098	.060	.100	.130				18.10	58.00			643.
76 A 27	1300	.4	.102	.060	.100	.120				15.10	58.00			644.
76 A 28	1300	.4	.114	.060	.100	.090				15.30	58.00			675.
76 A 29	1300	.4	.128	.060	.100	.050				18.70	58.00			659.
76 A 30	700	.8	.122	.050	.100	.050				20.90	57.00			679.
76 A 30	1300	.8	.107	.050	.010	.025				20.80	63.10			733.
76 A 31	1700	1.5	.141	.119	.030	.065				24.80	59.10			667.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK EAST BRANCH

LOCATION W/CODE : NEAR BETTSVILLE, OHIO USGS NO. 04197450

SAMPLING DATE YR MO DY	TIME 24 C HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 1 1	1300	3.9	.070	.059	.020	.061				13.00	87.80			860.
76 1 2	1300	4.9	.083	.042	.010	.027				14.70	89.00			873.
76 1 3	1300	3.7	.077	.042	.010	.011				12.80	93.00			895.
76 1 4	700	3.7	.077	.051	.010	.088				14.20	95.20			922.
76 1 4	1300	3.7	.083	.040	.030	.141				10.00	90.20			925.
76 1 5	1300	1.4	.080	.035	.030	.107				9.30	91.10			930.
76 1 6	1300	1.2	.085	.037	.020	.074				10.00	89.90			904.
76 1 7	1300	1.1	.099	.044	.020	.063				10.80	89.60			916.
76 1 8	1300	1.0	.093	.036	.030	.045				7.40	89.50			921.
76 1 9	1300	1.1	.081	.037	.030	.035				7.30	87.30			913.
76 1 10	1300	1.4	.080	.038	.030	.016				6.00	86.30			918.
76 1 11	700	1.3	.075	.031	.030	.010				6.00	86.30			924.
76 1 11	1300	1.3	.079	.040	.020	.081				9.60	87.90			908.
76 1 12	1300	1.1	.075	.033	.020	.063				8.80	87.50			912.
76 1 13	1300	1.0	.076	.032	.020	.051				8.80	86.90			909.
76 1 14	1300	.9	.073	.037	.010	.038				7.30	86.40			914.
76 1 15	1300	.8	.078	.031	.020	.010				8.10	85.20			909.
76 1 16	1300	.8	.077	.028	.030	.007				7.10	85.80			920.
76 1 17	130	.7	.079	.034	.020	.023				7.60	86.00			923.
76 1 18	700	.7	.075	.029	.010					6.80	85.70			925.
76 1 18	1300	.7	.069	.060		.078				6.70	88.80			905.
76 1 19	1300	.7	.078	.060		.092				6.10	88.40			899.
76 1 20	1300	.7	.090	.043		.030				7.90	86.60			862.
76 1 21	1300	.9	.092	.047		.028				9.30	86.60			868.
76 1 22	1300	1.4	.083	.042		.118				7.40	86.20			861.
76 1 23	1300	1.7	.079	.047		.006				7.60	85.10			847.
76 1 24	1300	2.4	.094	.043						7.30	83.00			848.
76 1 25	700	3.7	.078	.041		.017				6.50	83.00			821.
76 1 25	1300	3.7	.081	.014	.010	.027				6.10	77.00	4.20		796.
76 1 26	1300	3.7	.074		.040	.015				6.40	81.20	3.30		813.
76 1 27	1300	3.7	.080	.009	.010	.028				4.50	80.50	3.60		818.
76 1 28	1300	3.7	.077	.003	.010	.099				4.70	77.70	3.90		804.
76 1 29	1300	3.7	.089	.010		.074				5.80	76.00	3.40		791.
76 1 30	1300	3.7	.076	.006		.107				4.60	74.90	3.40		776.
76 1 31	1300	3.7	.082	.009		.050				1.60	72.70	3.40		737.
76 11 1	700	3.6	.076	.010	.010	.024				6.40	72.80	3.70		758.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK EAST BRANCH

LOCATION W/CODE : NEAR BETTSVILLE, OHIO USGS NO. 04197450

SAMPLIN. DATE YR MO DY	TIME 24HR HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 11 1	1700	3.6	.097	.014	.070	.001				7.80	81.10			844.
76 11 2	1300	3.3	.079	.009	.070	.068				8.30	71.00			750.
76 11 3	1300	2.9	.082	.022	.040	.108				7.70	70.30			751.
76 11 4	1300	2.3	.080	.010	.030	.114				8.50	71.70			767.
76 11 5	1300	1.9	.080	.025	.030	.077				7.60	75.80			795.
76 11 6	1300	.7	.076	.009	.030	.023				6.80	76.40			804.
76 11 7	1300	1.5	.077	.011	.020	.018				6.00	77.90			818.
76 11 8	700	1.4	.079	.001	.060	.041				7.40	80.80			843.
76 11 8	1300	1.4	.117	.030		.095				4.80	77.60	4.20		842.
76 11 9	1300	1.3	.073	.020		.052				5.90	80.60	4.00		852.
76 11 10	1300	1.2	.073	.012		.006				7.10	80.80	4.40		863.
76 11 11	1300	1.1	.071	.017		.036				5.70	81.80	4.60		867.
76 11 12	1300	1.4	.075	.014		.046				5.90	81.60	4.20		881.
76 11 13	1300	1.3	.066		.030	.043				5.40	80.70	4.30		887.
76 11 14	1300	1.3	.061	.013		.016				5.40	80.00	3.80		893.
76 11 15	700	1.2	.056	.008	.010	.020				5.20	81.00	3.90		909.
76 11 15	1300	1.2	.069	.030	.040	.040				5.30	80.00			914.
76 11 16	1300	1.2	.065	.028	.030	.029				5.10	81.10			922.
76 11 17	700	1.1	.067	.028	.020	.032				5.50	81.00			933.
76 11 22	1300	1.1	.099	.020	.030	.018				9.70	77.70	3.80		855.
76 11 23	1300	1.1	.076	.023		.006				4.30	78.30	4.30		860.
76 11 24	1300	1.1	.075	.020	.010	.003				4.80	79.90	5.50		879.
76 11 25	1300	1.1	.077	.012		.011				6.70	79.70	3.90		889.
76 11 26	1300	1.5	.085	.012						7.20	77.50	3.70		865.
76 11 27	1300	1.9	.083	.031	.010	.031				4.60	77.90	3.20		879.
76 11 28	1300	2.5	.073	.017						3.60	77.40	2.70		871.
76 11 29	700	2.7	.072	.037		.001				5.20	77.80	3.20		880.
76 12 6	1300	1.7	.094	.025	.310	.045		6.970		6.80	79.40	3.18		998.
76 12 7	1300	1.6	.064	.020	.060	.041		4.050		4.70	75.80	2.91		986.
76 12 8	1300	1.6	.062	.017	.070	.025		2.480		3.50	78.00	3.75		1023.
76 12 9	1300	1.5	.061	.017		.030		2.800		4.50	78.80	3.45		1035.
76 12 10	1300	1.5	.057	.013		.032		3.350		5.20	79.70	2.17		1042.
76 12 11	1300	1.5	.073	.012		.027		4.240		4.60	82.60	2.45		1008.
76 12 12	1300	1.4	.051	.009		.012		2.640		3.20	81.30	1.65		1072.
76 12 13	700	1.4	.049	.010		.022		2.290		4.50	86.30	2.25		1085.
76 12 13	1300	1.4	.054	.023	.080	.069		.679			89.30	.87		1123.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK EAST BRANCH

LOCATION W/CODE : NEAR BETTSVILLE, OHIO USGS NO. 04197450

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 12 14	1300	1.4	.051	.019	.070	.082		.411		5.00	89.50	.67	.21	1144.
76 12 15	1300	1.4	.051	.022	.090	.068		.555		3.10	92.60	.65	.18	1165.
76 12 16	1330	1.3	.050	.016	.080	.057		.640		3.90	94.70	.52	.20	1185.
76 12 17	1300	1.3	.051	.010	.060	.063		.483		3.40	95.40	.34	.20	1183.
76 12 18	1300	1.3	.051	.016	.050	.062		.725		2.60	96.00	.52	.18	1195.
76 12 19	1300	1.3	.051	.015	.040	.054		.640		3.00	96.10	.52	.25	1192.
76 12 20	700	1.2	.056	.007	.090	.062		.632		5.90	93.50	.34	.30	1143.
76 12 20	1300	1.2	.053	.020	.100	.036		.550		3.30	94.70	1.80		1093.
76 12 21	1300	1.2	.046	.014	.130	.027		.710		2.70	97.90	2.03		1150.
76 12 22	1300	1.2	.050	.017	.180	.041		.650		4.40	99.30	2.13		1180.
76 12 23	1300	1.2	.050	.018	.200	.048		.590		2.90	102.00	2.09		1196.
76 12 24	1300	1.2	.051	.012	.190	.049		.510		5.60	104.00	2.53		1229.
76 12 25	1300	1.2	.052	.009	.160	.023		.470		4.70	100.00	2.27		1128.
76 12 26	1300	1.2	.054	.015	.140	.016		.500		5.20	104.00	2.84		1211.
76 12 27	700	1.2	.050	.012	.170	.063		.590		5.30	105.00	2.09		1263.
76 12 27	1300	1.2	.073	.017	.190	.244		13.100		2.40	103.00	1.88		1277.
76 12 28	1300	1.2	.075	.026	.180	.060		.588	1.00	4.50	102.00	1.15		1256.
76 12 29	1300	1.2	.063	.025	.180	.602		.550		5.10	103.00	1.20		1281.
76 12 30	1300	1.2	.083	.037	.180	.217		.550		4.70	102.00	1.37		1272.
77 1 4	1300	1.2		.029	.140	.084				7.10	101.00			1270.
77 1 5	1300	1.2			.150	.097				6.00	99.90			1264.
77 1 6	1300	1.2	.013		.140	.100				6.20	103.00			1276.
77 1 7	1300	1.2	.027		.140	.109				5.70	104.00			1280.
77 1 8	1300	1.2	.024		.150	.094				6.20	105.00			1293.
77 1 9	1300	1.2	.024		.150	.099				6.20	105.00			1306.
77 1 10	700	1.4	.027	.017	.140	.137				7.90	113.00			1370.
77 1 11	1900	1.2	.094	.041	.190	.185				2.60	108.00			1283.
77 1 12	1400	1.3	.092	.045	.180	.207				2.50	108.00			1316.
77 1 13	1900	1.3	.092	.037	.190	.207					109.00			1339.
77 1 14	1900	1.2	.079	.024	.190	.158				2.50	109.00			1327.
77 1 15	1900	1.2	.085	.037	.190	.207				4.30	108.00			1331.
77 1 16	700	1.2	.086	.031	.200	.199				3.20	110.00			1340.
77 1 19	1300	1.2	.097	.044	.230	.485				9.10	112.00	2.86		1360.
77 1 20	1300	1.3	.081	.036	.230	.428				4.80	111.00	3.02		1353.
77 1 21	1300	1.3	.076	.026	.190	.581				5.00	111.00	3.63		1337.
77 1 22	1300	1.2	.082	.027	.200	.414				6.50	110.00	3.60		1341.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK EAST BRANCH

LOCATION W/CODE : NEAR BETTSVILLE, OHIO USGS NO. 04197450

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 1 23	1300	1.2	.085	.027	.210	.404				8.70	110.00	2.95		1349.
77 1 24	1300	1.2	.077	.049	.240	.377				5.70	108.00	3.58		1366.
77 1 25	1300	1.2	.080	.032	.260	.298				6.80	109.00	3.87		1363.
77 1 26	1300	1.2	.081	.036	.250	.332				7.00	109.00	2.99		1365.
77 1 27	1300	1.2	.084	.051	.260	.404				5.60	111.00	3.93		1382.
77 1 28	1300	1.2	.086	.037	.270	.387				3.70	112.00	4.48		1396.
77 1 29	1300	1.2	.086	.038	.270	.351				3.10	112.00	3.49		1399.
77 1 30	1300	1.2	.084	.038	.270	.408				5.60	113.00	3.91		1427.
77 1 31	700	1.2	.083	.031	.280	.398				4.30	114.00	4.34		1439.
77 2 3	1900	1.2	.100	.093	.340	.704					112.00	2.62		1398.
77 2 4	1900	1.2	.096	.071	.320	.530				7.00	112.00	2.82		1389.
77 2 5	1900	1.2	.092	.064	.310	.508				7.30	112.00	3.15		1380.
77 2 6	1900	1.2	.091	.061	.310	.571				7.60	111.00	3.36		1347.
77 2 7	1300	1.2	.118	.064	.340	.654				6.90	128.00	6.12		1392.
77 2 8	1300	1.1	.107	.081	.360	.812				6.20	129.00	5.40		1385.
77 2 9	1300	1.1	.105	.053	.350	.683				5.70	128.00	6.70		1384.
77 2 10	1300	1.1	.108	.059	.340	.758					128.00	6.31		1388.
77 2 10	1600	1.1	.108	.057	.370	.640				9.20	125.00	4.49		1344.
77 2 10	1900	1.1	.097	.058	.360	.676				8.30	126.00	4.41		1356.
77 2 10	2200	1.1	.090	.051	.360	.887				7.30	126.00	4.62		1368.
77 2 11	100	1.2	.095	.050	.360	.696				8.50	126.00	4.71		1363.
77 2 11	400	1.2	.094	.049	.350	.691				8.40	126.00	4.81		1373.
77 2 11	700	1.2	.093	.047	.350	.704				8.40	126.00	4.93		1370.
77 2 11	1000	1.2	.093	.048	.350	.708				7.00	127.00	4.71		1362.
77 2 11	1300	1.2	.096	.041	.380	.719				7.80	126.00	4.49		1355.
77 2 11	1600	1.2	.109	.045	.450	.694				11.00	125.00	4.40		1322.
77 2 11	1900	1.2	.109	.048	.460	.745				10.70	126.00	4.54		1345.
77 2 11	2200	1.2	.116	.051	.450	.692				11.00	125.00	4.49		1350.
77 2 12	100	1.2	.112	.053	.420	.746				9.90	125.00	4.61		1359.
77 2 12	400	1.2	.108	.055	.400	.745				9.10	126.00	4.65		1371.
77 2 12	700	1.2	.105	.053	.400	.947				9.10	127.00	4.67		1368.
77 2 12	1000	1.2	.106	.052	.410	.749				7.90	127.00	4.87		1361.
77 2 12	1300	1.2	.103	.054	.420	.754				7.90	127.00	4.79		1369.
77 2 12	1600	1.2	.104	.050	.470	.771				8.50	128.00	4.90		1373.
77 2 12	1900	1.2	.110	.052	.500	.807				9.30	128.00	4.81		1355.
77 2 12	2200	1.2	.113	.056	.530	.823				8.90	128.00	4.90		1364.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK EAST BRANCH

LOCATION #/CODE : NEAR BETTSVILLE, OHIO USGS NO. 04197453

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 [illegible] 13	100	1.4	.115	.056	.520	.830				9.10	130.00	4.98		1389.
77 [illegible] 13	400	1.4	.114	.070	.530	.905				7.90	130.00	5.08		1391.
77 [illegible] 13	700	1.4	.118	.078	.550	.907				9.70	131.00	5.09		1382.
77 [illegible] 13	1000	1.4	.123	.078	.600	.928				9.30	130.00	5.21		1366.
77 [illegible] 13	1300	1.4	.129	.081	.630	.941				10.90	129.00	5.27		1343.
77 [illegible] 13	1600	1.4	.144	.088	.670	1.100				11.20	129.00	5.40		1320.
77 [illegible] 13	1900	1.4	.164	.098	.780	1.020				11.70	128.00	5.44		1296.
77 [illegible] 13	2200	1.4	.186	.113	.910	.986				12.10	126.00	5.53		1259.
77 [illegible] 14	100	3.0	.212	.129	1.020	.973				13.40	124.00	5.71		1232.
77 [illegible] 14	1300	3.0	.256	.150	1.280	.970				14.60	120.00	6.48		1152.
77 [illegible] 15	100	6.0	.258	.151	1.340	1.110				14.90	118.00	6.50		1145.
77 [illegible] 15	1300	6.0	.476	.340	1.860	1.250				10.70	116.00	7.04		1034.
77 [illegible] 16	100	110.0	.515	.362	2.200	1.120				10.20	127.00	6.22		1067.
77 16	1300	110.0	.574	.404	2.490	1.050				12.90	114.00	5.99		1065.
77 [illegible] 17	100	105.0	.587	.441	2.650	1.110				13.60	113.00	5.73		910.
77 [illegible] 17	1300	105.0	.627	.467	2.680	1.130				14.60	115.00	5.59		888.
77 [illegible] 17	2200	105.0	.666	.521	2.640	1.270				12.40	116.00	6.18		899.
77 [illegible] 21	1300	60.0	.517	.357	2.350	1.290		2.110		10.20	98.40	7.75		856.
77 [illegible] 21	1900	60.0	.506	.337	2.280	1.140		2.260		10.00	89.30	6.24		864.
77 [illegible] 21	1900	60.0	.506	.337	2.280	1.140		2.260		10.00	89.30	6.24		864.
77 [illegible] 22	100	50.0	.485	.331	2.240	1.260		2.350		8.80	94.30	6.78		840.
77 [illegible] 22	700	50.0	.477	.344	2.230	1.300		2.610		9.50	95.90	7.21		843.
77 [illegible] 22	1300	50.0	.461	.332	2.160	1.270		2.610		7.20	94.40	6.78		828.
77 [illegible] 22	1900	50.0	.445	.313	2.080	1.420		2.330		8.90	90.50	6.35		816.
77 [illegible] 23	100	521.0	.427	.311	2.030	1.090		1.960		9.60	87.80	7.35		806.
77 [illegible] 23	700	637.6	.424	.302	1.930	1.030		2.130		13.20	95.30	6.49		818.
77 [illegible] 23	1300	866.1	.439	.241	1.870	.886		1.670		27.30	95.70	6.04		837.
77 [illegible] 23	1900	933.0	.478	.291	1.970	.856		2.130		45.90	80.80	6.23		775.
77 [illegible] 23	2200	1111.7	.543	.296	1.860	.770		1.680		65.80	73.90	6.67		619.
77 [illegible] 23	2300	1332.9	.589	.273	1.810	.651		1.720		87.00	67.40	4.96		532.
77 [illegible] 24	100	1513.6	.676	.297	1.980	.763		1.840		125.00	68.20	5.37		446.
77 [illegible] 24	400	1691.7	.712	.267	1.900	.612		2.270		162.00	55.30	4.37		396.
77 [illegible] 24	700	1764.0	.845	.261	1.930	.765		2.960		213.00	45.20	4.14		350.
77 [illegible] 24	1000	1955.7	.835	.301	2.040	.778		2.910		197.00	61.50	4.72		334.
77 [illegible] 24	1300	2168.5	.914	.324	2.050	.809		2.980		201.00	65.40	4.76		335.
77 [illegible] 24	1600	2384.0	.967	.337	1.970	.632		2.550		222.00	50.70	4.39		316.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK EAST BRANCH

LOCATION W/CODE : NEAR BETTSVILLE, OHIO USGS NO. 04197450

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 24	1900	2442.2	.849	.325	2.020	.544		2.740		199.00	41.20	4.75		306.
77 24	2200	2521.0	.759	.301	2.150	.531		2.480		180.00	39.90	4.14		304.
77 25	100	2571.0	.669	.293	2.180	.732		2.010		149.00	62.20	4.66		299.
77 25	400	2571.0	.578	.265	2.290	.486		1.890		118.00	42.40	4.45		291.
77 25	700	2422.6	.523	.267	2.360	.573		1.980		99.90	53.00	4.60		293.
77 25	1000	2186.7	.490	.297	2.190	.791		1.640		74.40	70.50	6.56		297.
77 25	1300	1888.2	.476	.304	2.150	.822		1.950		67.00	74.00	5.76		307.
77 25	1600	1593.0	.438	.229	2.810	.405		1.830		73.80	35.30	5.15		327.
77 2 25	1900	1391.5	.411	.230	2.910	.400		1.890		60.50	35.60	5.30		332.
77 2 25	2200	1268.4	.384	.220	3.090	1.340		1.570		50.30	36.10	5.75		334.
77 2 26	100	1199.2	.373	.218	3.180	.374		1.530		46.30	36.40	6.17		345.
77 2 26	400	1178.8	.353	.212	3.250	.375		1.540		41.20	36.70	5.85		357.
77 2 26	700	1158.6	.341	.209	3.350	.358		1.420		34.00	38.20	6.04		369.
77 2 26	1000	1004.9	.332	.190	3.390	.304		1.433		34.20	38.60	7.08		375.
77 2 26	1300	893.7	.326	.181	3.400	.354		1.720		36.70	38.60	5.48		381.
77 2 26	1600	824.5	.343	.184	3.400	.332		1.530		43.60	39.10	6.57		391.
77 26	1900	812.2	.301	.172	3.340	.310		1.310		22.70	39.10	5.89		400.
77 26	2200	812.2	.295	.181	3.390	.500		1.400		26.50	39.90	5.52		405.
77 27	100	812.2	.287	.169	3.380	.338		1.330		19.90	40.70	6.67		422.
77 27	400	900.1	.296	.172	3.370	.317		2.040		32.10	42.80	6.22		434.
77 27	700	998.6	.282	.158	3.220	.303				23.60	42.20	5.47		439.
77 27	1000	1175.1	.314	.163	3.490	.342				51.10	42.10	6.84		442.
77 27	1300	1377.9	.310	.170	3.770	.268		2.610		46.70	40.50	6.09		426.
77 27	1600	1691.7	.334	.146	4.080	.410		2.240		70.90	41.90	6.87		419.
77 27	1900	1780.3	.372	.141	4.390	.223		1.870		87.30	41.90	6.01		395.
77 27	2200	2016.6	.486	.148	4.610	.492				169.00	44.20	6.30		395.
77 28	100	2132.1	.443	.153	4.540	.312		5.590		101.00	43.50	6.63		383.
77 28	400	2195.3	.476	.178	5.190	.341				124.00	42.60	5.89		383.
77 28	700	2279.8	.448	.174	5.280	.320		8.890		108.00	41.80	6.00		375.
77 28	1000	2300.0	.471	.177	5.510	.362		7.000		105.00	43.60	6.34		378.
77 28	1300	2280.0	.434	.207	5.860	.387		2.120		108.00	44.20			383.
77 1	100	480.0	.338	.186	5.960	.318		1.900		54.40	42.50			411.
77 1	400	403.3	.253	.157	5.740	.271		1.520		26.20	45.60			476.
77 1	1300	400.0	.246	.148	5.560	.320		1.460		25.40	46.90			507.
77 1	1900	400.0	.224	.141	5.230	.283		1.730		43.10	48.90	5.46	1.50	526.
77 1	2200	340.0	.221	.134	4.830	.350		2.100		29.10	49.60	5.65	1.50	558.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK EAST BRANCH

LOCATION W/CODE : NEAR BETTSVILLE, OHIO USGS NO. 04157450

SAMPLIN DATE YR MO DY	TIME 24 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 4	1[illegible]	760.0	.278	.133	4.150	.275		1.900		81.40	48.50	5.43	2.90	554.
77 4 5	11[illegible]	1030.0	.385	.140	5.190	.302		1.740		141.00	47.50	5.40	5.70	492.
77 4 5	7[illegible]	1000.0	.538	.151	5.910	.349		1.460		223.00	46.20	5.33	9.20	448.
77 4 5	13[illegible]	1000.0	.580	.177	6.620	.412		1.640		211.00	46.60	5.41	9.30	434.
77 5 5	1900	1000.0	.487	.175	7.040	.397		1.570		139.00	46.60	5.43	7.30	442.
77 5 6	100	470.0	.428	.163	7.290	.389		1.900		99.40	46.20	5.52	6.20	456.
77 5 6	7[illegible]	470.0	.366	.151	7.360	.349		1.740		84.20	46.00	5.67	5.00	473.
77 5 6	1300	470.0	.329	.142	7.320	.335		1.460		74.50	46.40	5.66	4.30	489.
77 5 6	1900	470.0	.297	.132	7.180	.289		1.640		60.90	47.40	5.75	3.80	513.
77 5 7	100	340.0	.264	.127	6.980	.290		1.570		43.10	48.80	5.77	3.10	540.
77 5 7	700	340.0	.248	.122	6.960	.282		1.200		33.80	49.10	5.90	2.80	551.
77 5 9	1300	160.0	.169	.097	5.930	.237				16.10	51.10	8.82		614.
77 5 10	1[illegible]	125.0	.158	.085	5.490	.236				18.70	53.80	8.38		639.
77 5 11	1300	110.0	.153	.089	4.900	.171				19.10	54.10	7.79		650.
77 5 12	1[illegible]	590.0	.161	.090	4.440	.171				23.50	57.30	7.67		664.
77 5 13	1300	660.0	.204	.101	4.140	.196				50.20	57.40	8.69		686.
77 5 14	7[illegible]	270.0	.326	.161	6.680	.261				60.00	58.10	7.68		607.
77 5 17	1[illegible]	250.0	.165	.055	6.390	.107				35.10	56.70	7.90	1.80	696.
77 5 18	161[illegible]	1100.0	.205	.079	6.090	.181				95.70	56.00	6.65	3.10	704.
77 5 18	1300	1100.0	.354	.074	5.610	.084				191.00	53.80	6.00	7.30	614.
77 5 18	2200	1100.0	.455	.100	5.830	.122				243.00	47.90	6.83	9.70	503.
77 5 19	1[illegible]	1350.0	.538	.121	6.770	.187				317.00	46.30	6.88	11.70	468.
77 5 19	400	1350.0	.638	.107	7.050	.273				367.00	48.60	6.86	14.00	431.
77 5 19	700	1350.0	.555	.108	7.420	.189				253.00	45.00	7.18	12.30	407.
77 5 19	1000	1350.0	.452	.117	8.180	.166				173.00	39.00	6.48	9.70	417.
77 5 19	13[illegible]	1350.0	.364	.102	8.350	.132				134.00	39.20	7.01	7.70	436.
77 5 19	161[illegible]	1350.0	.307	.097	7.780	.114				84.60	39.50	6.90	5.70	442.
77 5 19	1900	1350.0	.284	.093	7.790	.110				71.30	39.90	6.90	5.00	457.
77 5 19	2200	1350.0	.264	.088	7.880	.161				67.00	40.70	7.32	4.30	475.
77 5 20	1[illegible]	460.0	.240	.080	7.930	.108				59.60	42.30	7.30	3.90	494.
77 5 20	4[illegible]	400.0	.220	.080	7.980	.108				47.80	42.30	7.22	3.50	505.
77 5 20	7[illegible]	400.0	.204	.071	7.690	.146				53.20	41.80	7.31	3.00	516.
77 5 20	1000	440.0	.189	.074	7.580	.134				42.70	41.80	7.19	2.70	526.
77 5 20	130[illegible]	440.0	.179	.068	7.670	.113				40.80	43.20	7.21	2.50	543.
77 5 20	1600	440.0	.165	.065	7.600	.110				26.90	43.80	7.83	2.10	557.
77 5 20	1900	440.0	.155	.064	7.750	.138				25.60	45.00	8.71	1.80	566.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK EAST BRANCH

LOCATION W/CODE : NEAR BETTSVILLE, OHIO USGS NO. 04197450

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	3	20	2200	480.0	.146	.068	7.480	.089				27.40	44.30	7.78	1.50	569.
77	3	21	100	360.0	.138	.066	7.680	.089				21.50	45.90	7.60	1.40	576.
77	3	21	400	360.0	.134	.064	7.600	.092				17.90	46.10	7.60	1.30	558.
77	3	21	1600	360.0	.125	.062	7.360	.073				21.60	47.30	7.61	1.00	595.
77	3	22	400	560.0	.116	.068	7.400	.114				16.70	48.70	7.55	.80	612.
77	3	22	1600	560.0	.117	.061	7.010	.096				20.80	49.00	7.44	.90	627.
77	3	23	100	800.0	.207	.064	7.140	.164				40.70	47.60	7.40	4.00	573.
77	3	23	1300	800.0	.323	.078	8.170	.039				89.90	41.00	6.90	6.10	513.
77	3	24	100	580.0	.229	.066	8.210	.058				59.20	37.90	6.99	4.40	518.
77	3	24	1300	580.0	.184	.063	7.930	.043				41.40	36.40	6.87	3.10	498.
77	3	25	100	410.0	.151	.065	7.930	.051				26.90	39.10	7.79	2.20	539.
77	3	25	1300	410.0	.128	.057	7.550	.025				20.70	38.10	6.78	1.90	559.
77	3	26	100	340.0	.112	.047	7.550	.037				22.90	40.00	7.51	1.50	595.
77	3	26	1300	340.0	.109	.044	7.180	.023				24.20	40.30	7.50	1.40	615.
77	3	26	1600	340.0	.116	.043	7.860	.092				21.70	43.10	7.45	1.50	606.
77	3	27	400	600.0	.105	.040	7.120	.014				23.80	42.00	6.86	1.40	630.
77	3	27	1600	600.0	.102	.047	7.020	.248				26.70	43.70	6.53	1.30	645.
77	3	28	400	1050.0	.097	.043	6.850	.030				27.10	44.30	6.88	1.30	650.
77	3	28	1300	1050.0	.117	.051	6.300	.047				34.90	39.90	7.65	1.70	673.
77	3	29	100	680.0	.449	.107	6.970	.062				195.00	36.00	7.96	10.70	516.
77	3	29	1300	680.0	.342	.103	7.870	.051				110.00	30.40	7.99	7.40	476.
77	3	30	100	500.0	.259	.074	7.910	.101				82.90	32.40	8.39	5.30	513.
77	3	30	1300	556.9	.203	.068	7.650	.049				79.10	35.10	9.10	3.80	559.
77	3	31	100	444.3	.178	.062	7.400	.043				62.90	34.90	8.14	3.20	588.
77	3	31	1300	366.5	.156	.060	7.120	.304				42.90	36.90	8.21	2.60	614.
77	3	31	2200	323.9	.155	.057	6.890	.039				45.60	40.30	7.96	2.40	631.
77	4	3	1300	1165.3	.535	.106	6.380	.076				182.00	24.70	8.57	11.60	464.
77	4	3	1600	1138.5	.527	.121	6.690	.196				155.00	22.40	9.88	13.20	435.
77	4	3	1900	1067.2	.552	.108	6.790	.151				142.00	21.60	8.89	14.10	428.
77	4	3	2200	939.7	.577	.107	6.640	.098				135.00	20.60	9.78	16.00	428.
77	4	4	100	818.4	.526	.102	6.530	.107				124.00	20.40	8.43	14.50	434.
77	4	4	400	741.3	.512	.097	6.470	.180				105.00	20.60	8.38	14.20	443.
77	4	4	700	674.3	.461	.103	6.320	.107				91.70	20.50	8.21	12.70	451.
77	4	4	1000	616.8	.440	.100	6.470	.474				73.70	21.70	9.99	11.90	463.
77	4	4	1300	576.9	.403	.096	6.340	.305				68.80	21.80	9.42	10.20	473.
77	4	4	1600	556.9	.344	.086	6.500	.288				54.30	23.10	9.59	8.90	487.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK EAST BRANCH

LOCATION #/CODE : NEAR BETTSVILLE, OHIO USGS NO. 04197450

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO+2 NO+3 MG/L	NH+3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	4	4	1900	501.8	.314	.095	6.540	.388				52.50	23.80	9.60	8.70	501.
77	4	4	2200	501.+	.272	.069	6.390	.337				44.20	23.90	9.39	6.80	513.
77	4	5	100	477.1	.248	.072	6.480	.050				41.40	24.80	7.89	6.80	529.
77	4	5	1300	430.5	.206	.085	6.700	.198				31.00	28.40	9.60	4.10	580.
77	4	6	100	374.5	.166	.068	6.630	.068				24.70	31.80	7.58	3.20	609.
77	4	6	1300	338.7	.136	.065	6.540	.193				14.90	30.90	10.40	1.80	615.
77	4	6	1900	305.3	.132	.075	6.410	.155				15.70	30.80	6.73	1.80	619.
77	4	7	1900	284.7	.109	.063	6.020	.036				15.40	32.90	6.41	1.30	635.
77	4	8	1900	284.7	.122	.063	5.770	.097				16.70	36.40	5.65	1.40	652.
77	4	9	1900	236.6	.125	.063	5.850	.359				20.00	35.00	5.44	1.40	652.
77	4	10	1900	216.3	.157	.075	5.750	.063				24.60	36.90	4.81	1.60	665.
77	4	11	1300	202.6	.128	.068	5.300	.072				31.90	40.70	5.02	1.10	666.
77	4	12	1700	176.8	.119	.074	4.840	.044				33.10	43.10	5.24	1.00	686.
77	4	13	1500	160.0	.105	.062	4.610	.135				33.10	45.00	5.27	.90	705.
77	4	14	1500	155.3	.117	.060	4.190	.123				31.60	43.60	2.49	1.10	716.
77	4	15	1300	143.5	.095	.056	3.760	.053				25.60	44.00	2.36	.70	718.
77	4	16	1300	134.3	.096	.065	3.800	.330				27.20	50.30	2.63	.70	742.
77	4	17	1300	123.7	.116	.058	3.530	.022				38.70	49.00	2.61	1.00	744.
77	4	18	700	123.7	.113	.051	3.150	.042				28.30	48.30	2.70	.90	745.
77	4	18	1300	119.5	.088	.044	2.540	.162				26.30	49.00		1.20	727.
77	4	19	1300	115.5	.084	.038	2.100	.157				28.70	52.00		.90	732.
77	4	20	1300	111.6	.081	.032	1.810	.198				29.80	52.40		.80	746.
77	4	21	1300	107.9	.098	.026	2.510	.219				39.60	47.30		.90	735.
77	4	22	1300	107.9	.113	.018	1.370	.203				25.70	50.40		1.20	756.
77	4	23	1300	350.4	.163	.042	3.260	.154				67.00	41.40		2.40	773.
77	4	24	1300	916.4	.177	.058	6.870	.114				58.60	41.00		2.70	668.
77	4	25	700	472.1	.177	.088	6.290	.135				40.30	44.70		2.00	714.
77	4	25	1300	447.0	.198	.085	6.020	.060				40.10	39.20	6.23	1.80	694.
77	4	26	1300	346.9	.164	.078	6.540	.058		1.700		38.80	38.30	6.37	1.70	695.
77	4	27	1300	621.9	.163	.055	6.740	.070				66.20	35.70	5.98	2.10	643.
77	4	28	1300	391.1	.156	.059	6.780	.060				40.80	36.40	5.89	2.00	667.
77	4	29	1300	348.0	.128	.055	6.570	.066				35.10	36.70	5.38	1.50	682.
77	4	30	1300	316.4	.113	.050	6.020	.143				28.50	37.10	5.35	1.20	687.
77	5	1	1300	261.6	.115	.044	5.540	.041				31.20	38.60	4.80	1.50	703.
77	5	2	700	255.3	.128	.047	5.240	.048				40.20	38.00	4.14	1.80	705.
77	5	2	1300	245.8	.119	.040	5.070	.166		.810		27.50	41.40	3.46	1.40	707.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK EAST BRANCH

LOCATION W/CODE : NEAR BETTSVILLE, OHIO

USGS NO. 04197450

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	5	3	1300	327.6	.129	.020	4.670	.042		.740		40.00	41.70	3.51	1.70	732.
77	5	4	1000	506.9	.147	.058	4.470	.087		.770		44.10	38.80	3.28	2.00	696.
77	5	4	1300	648.1	.171	.057	5.050	.082		.760		52.10	40.40	3.73	2.70	711.
77	5	4	1600	953.2	.219	.046	5.070	.120		1.080		114.00	39.70	4.10	4.00	706.
77	5	4	1900	1275.5	.358	.068	6.100	.086		1.890		210.00	40.50	4.96	8.00	667.
77	5	4	2200	1451.5	.558	.093	6.860			2.160		317.00	32.30	7.77	14.50	555.
77	5	5	100	1609.0	.576	.104	7.270	.061		2.280		296.00	29.70	6.11	13.80	499.
77	5	5	400	1716.0	.628	.109	9.040	.069		2.530		290.00	29.00	6.83	14.70	482.
77	5	5	700	1788.3	.592	.140	10.300	.153		2.610		258.00	26.80	7.22	13.40	475.
77	5	5	1000	1821.5	.538	.135	11.100	.068		2.650		189.00	26.30	7.72	11.80	475.
77	5	5	1300	1821.5	.456	.124	11.400	.085		2.300		139.00	26.10	7.90	9.50	471.
77	5	5	1600	1609.0	.394	.115	11.400	.078		2.300		108.00	26.40	8.19	7.80	494.
77	5	5	1900	1482.4	.348	.103	11.300	.134		2.130		88.20	27.80	8.63	6.50	512.
77	5	5	2200	1247.1	.309	.082	10.900	.104		1.800		71.00	28.90	8.43	5.50	534.
77	5	6	100	1092.4	.258	.093	10.800	.069		1.920		66.20	32.50	8.48	4.80	544.
77	5	6	400	986.2	.252	.083	10.700	.041		1.440		59.20	32.10	8.59	4.30	585.
77	5	6	700	887.3	.239	.077	10.500	.216		2.020		62.00	32.90	8.67	4.20	594.
77	5	6	1000	830.6	.113	.079	10.400	.057		1.800		54.50	35.90	8.64	3.80	584.
77	5	6	1300	770.4	.214	.085	10.300	.070				47.60	32.10	8.55	3.00	579.
77	5	7	100	606.8	.186	.069	9.410	.049				40.80	32.90	8.40	2.40	684.
77	5	7	1300	492.0	.182	.078	8.910	.074				36.80	35.90	8.20	2.10	630.
77	5	8	100	305.0	.167	.067	8.440	.314				37.20	38.10	7.94	2.10	649.
77	5	8	1300	305.0	.155	.058	8.100	.059				31.30	36.00	7.90	1.90	659.
77	5	9	100	174.0	.157	.037	7.780	.072				33.10	37.10	7.36	1.80	679.
77	5	9	1300	174.0	.173	.066	7.340	.050				59.80	36.30	10.00	1.90	686.
77	5	10	1300	102.0	.148	.064	6.550	.013				31.40	36.30	9.13	1.40	701.
77	5	11	1300	67.0	.128	.056	6.040	.051				27.90	36.90	7.89	1.30	709.
77	5	12	1300	41.0	.111	.048	5.590	.045				25.20	37.30	7.28	1.10	719.
77	5	16	1300	14.0	.087	.020	3.510	.078				36.40	47.00	1.64	.60	714.
77	5	17	1300	12.0	.087	.022	2.990	.103				38.00	46.80	1.24	.80	718.
77	5	18	1300	10.0	.090	.023	2.630	.141				36.50	47.70	1.15	.70	741.
77	5	19	1300	9.2	.100	.024	2.410	.286				34.40	49.10	1.18	.60	749.
77	5	20	1300	8.1	.919	.021	2.120	.239				34.30	48.30	.92	.70	739.
77	5	21	1300	7.0	.109	.024	1.990	.246				32.20	47.00	1.44	.50	746.
77	5	22	1300	6.7	.101	.012	1.880	.180				32.30	46.90	1.27	.80	752.
77	5	23	700	6.0	.139		1.660	.159				34.40	47.90	1.14	.90	756.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK EAST BRANCH

LOCATION W/CODE : NEAR BETTSVILLE, OHIO USGS NO. 04197450

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 5 23	1300	6.0	.143	.099	1.750	.146		.810		20.40	58.00	1.90	.90	737.
77 5 24	1300	12.0	.126	.100	1.730	.166				37.20	59.30	2.32	.90	735.
77 5 25	1300	9.6	.197	.105	2.480	.123				42.40	56.50	3.21	2.40	720.
77 5 26	1300	6.0	.196	.112	2.150	.174				24.20	56.50	3.32	1.50	692.
77 5 27	1300	5.7	.196	.112	2.050	.198				25.50	56.60	3.00	1.40	706.
77 5 28	1300	5.7	.166	.092	1.920	.213				23.90	57.70	3.64	1.40	743.
77 5 29	1300	4.5	.150	.077	1.700	.173				32.80	59.50	2.74	1.30	764.
77 5 30	700	3.7	.172	.059	1.480	.162		1.130		52.80	59.60	2.40	1.60	780.
77 5 31	1300	3.1	.278	.047	.620	.443		2.390		42.00	53.20	1.67	1.20	754.
77 6 1	1300	2.3	.141	.012	.610	.179				24.70	54.90	1.47	1.00	738.
77 6 2	1300	2.3	.206	.024	.540	.315				15.30	57.70	1.23	.90	784.
77 6 3	1300	1.9	.131	.013	.490	.252				14.30	56.30	1.05	.80	785.
77 6 4	1300	1.7	.130	.012	.420	.232				23.60	59.80	.99	.80	814.
77 6 5	700	2.6	.130	.011	.390	.238		1.100		16.30	60.50	1.07	.80	847.
77 6 6	1300	4.5	.114	.044	.470	.215		.780		24.60	69.10	2.08	1.00	830.
77 6 9	1300	6.0	.122	.041	.230	.187				27.70	69.40	2.32	1.00	834.
77 6 10	1300	6.0	.120	.015	.020	.184				30.80	67.30	2.61	.90	821.
77 6 11	1300	6.4	.127	.020	.010	.115				32.70	69.60	1.60	1.00	834.
77 6 12	1300	7.4	.121	.013	.020					28.90	72.40	1.63	1.10	837.
77 6 13	700	6.4	.116		.040			.930		26.70	73.30	1.15	1.30	853.
77 6 13	1300	6.4	.114	.110	2.700	.047		.580		30.40	57.70	1.29	.60	809.
77 6 14	1300	5.1	.104	.100	2.380	.052				24.20	60.60	1.19	.70	817.
77 6 15	1300	4.5	.106	.085	1.310	.048				20.30	67.50	1.71	.70	823.
77 6 16	1300	3.7	.093	.070	.390	.784				22.80	71.20	.77	.60	820.
77 6 17	1300	3.5	.098		1.790	.195				21.00	59.60	2.09	.60	801.
77 6 18	1300	3.1	.107	.094	1.360	.125				19.30	61.20	1.91	.50	803.
77 6 19	1300	2.7	.108	.095	.400	.184				18.00	67.40	1.03	.50	823.
77 6 20	700	2.1	.110	.070	.250	.062		.970		20.70	67.40	1.22	.50	835.
77 6 20	1300	2.1	.127	.107	.330	.045				15.50	70.80	1.65	.40	824.
77 6 21	1300	1.7	.141	.126	.220	.173				14.80	70.40	1.65	.30	824.
77 6 22	1300	1.4	.114	.105	.150	.139				11.00	71.20	1.97	.30	828.
77 6 23	1300	.9	.131	.066	.160	.120				9.70	71.10	1.63	.50	833.
77 6 24	1300	.9	.433	.114	.060	.491				13.20	70.90	1.68	.30	847.
77 6 25	1300	3.7	.164	.050	.050	.129				19.50	70.30	2.33	.50	832.
77 6 26	1300	2.1	.150	.032	.050	.031				15.60	69.00	7.53	.30	817.
77 6 27	700	1.2	.155	.066	.070	.079				11.70	69.20	1.17	.40	820.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK EAST BRANCH

LOCATION W/CODE : NEAR BETTSVILLE, OHIO USGS NO. 04197450

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 6 27	1300	1.2	.140	.076	.150	.188				9.90	66.30	2.87	.50	805.
77 6 28	1300	1.0	.160	.095	.140	.231				12.30	65.60	3.18	.50	807.
77 6 29	1300	1.1	.136	.083	.150	.184				10.40	63.30	3.79	.40	778.
77 6 30	1300	9.6	.152	.064	.140	.154				14.70	63.80	3.41	.40	786.
77 6 30	1500	9.6	.166	.053	.110	.129				19.90	63.50	3.25	.80	750.
77 7 1	100	312.7	.207	.065	.330	.161				69.60	60.30	4.62	2.10	728.
77 7 1	700	606.0	.272	.096	1.600	.194				45.60	56.20	5.22	3.80	704.
77 7 1	1300	627.1	.395	.151	4.100	.135				107.00	51.20	6.65	6.30	685.

WEST BRANCH WOLF CREEK
AT
BETTSVILLE, OHIO

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK WEST BRANCH

LOCATION W/CODE : AT BETTSVILLE, OHIO USGS NO. 04197300

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	2	2	1900	24.0		.060	4.100	.130				5.90	36.00			690.
76	2	3	100	16.0		.050	4.100	.110				3.90	36.00			702.
76	2	3	700	16.0		.050	4.100	.130				1.60	36.00			699.
76	2	3	1300	16.0		.050	4.000	.150				3.60	36.00			720.
76	2	3	1900	16.0		.050	3.700	.240				3.50	40.00			722.
76	2	4	1900	14.0		.050	3.900	.130				1.30	38.00			730.
76	2	5	1900	39.7		.050	3.800	.140				2.30	39.00			720.
76	2	6	1900	33.3		.050	3.700	.130				2.70	38.00			730.
76	2	7	1900	23.0		.050	3.700	.170				3.20	39.00			758.
76	2	8	1300	13.6		.050	3.700	.180				2.90	40.00			766.
76	2	9	1800	9.5	.270	.270	1.200	.190				10.20	29.00			794.
76	2	9	2400	14.1	.270	.270	1.100	.180				7.60	28.00			785.
76	2	10	600	100.0	.271	.270	1.100	.180				9.10	24.00			804.
76	2	10	1200	100.0	.440	.260	1.100	.170				6.90	22.00			800.
76	2	10	1800	100.0	.280	.280	1.300	.170				19.30	100.00			746.
76	2	10	2400	100.0	.509	.290	1.000	.160				58.30	19.00			461.
76	2	11	600	630.0	.448	.310	1.000	.170				76.30	18.00			293.
76	2	11	1200	630.0	.480	.480	.800	.200				87.30	14.00			275.
76	2	11	1800	630.1	.494	.470	.700	.200				102.00	11.00			232.
76	2	11	2400	630.0	.330	.180	1.400	.190				83.00	59.00			221.
76	2	12	600	440.0	.474	.190	1.600	.210				58.30	68.00			241.
76	2	12	1200	440.0	.496	.170	1.800	.150				50.10	55.00			279.
76	2	12	1800	440.0	.246	.170	1.800	.150				61.10	43.00			311.
76	2	12	2400	440.0	.326	.260	1.400	.190				51.40	30.00			321.
76	2	13	600	250.0	.304	.250	1.100	.190				58.00	20.00			337.
76	2	13	1200	250.0	.305	.200	1.500	.210				60.90	51.00			338.
76	2	13	1800	250.0	.290	.200	1.100	.170				75.90	34.00			332.
76	2	13	2400	250.0	.381	.260	1.900	.200				75.70	100.00			333.
76	2	14	600	200.0	.274	.260	1.700	.210				71.80	100.00			340.
76	2	16	1140	474.0	.410	.060	4.200	.100		1.200		232.00	21.00			379.
76	2	16	1740	474.0	.529	.070	4.200	.170				322.00	20.00			354.
76	2	16	2340	474.0	.696	.060	3.800	.160				583.00	17.00			288.
76	2	17	540	1114.0	1.080	.050	3.300	.140				776.00	15.00			245.
76	2	17	1140	1927.2	1.070	.050	3.200	.190		2.460		901.00	15.00			234.
76	2	17	1740	1886.0	.989	.060	3.300	.210				648.00	14.00			236.
76	2	17	2340	1483.6	.876	.060	3.700	.160				503.00	15.00			261.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK WEST BRANCH

LOCATION W/CODE : AT PETTSVILLE, OHIO USGS NO. 04197300

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 2 18	540	1000.0	.540	.070	4.400	.170				176.00	17.00			310.
76 2 18	1140	1000.0	.384	.070	5.000	.140		.950		197.00	19.00			358.
76 2 18	1740	1000.0	.331	.060	5.200	.130				121.00	20.00			386.
76 2 18	2340	1000.0	.330	.060	5.500	.080				156.00	22.00			402.
76 2 19	540	422.0	.284	.060	5.700	.100				93.00	23.00			415.
76 2 19	1140	422.0	.265	.060	5.700	.190		.650		88.50	23.00			430.
76 2 19	1740	422.0	.245	.060	5.800	.090				87.20	24.00			447.
76 2 19	2340	422.0	.223	.060	5.800	.090				90.20	24.00			466.
76 2 20	540	235.0	.210	.060	5.700	.160				57.00	25.00			474.
76 2 20	1140	235.0	.190	.060	5.900	.100		.500		48.20	26.00			494.
76 2 20	1740	235.0	.184	.050	5.700	.080				49.60	26.00			505.
76 2 20	2340	235.0	.142	.050	5.700	.070				44.70	27.00			522.
76 2 21	540	235.0	.128	.050	5.700	.080				40.40	28.00			533.
76 2 21	1140	235.0	.152	.040	5.300	.110		.390		67.70	27.00			535.
76 2 21	1740	235.0	.247	.040	5.500	.090				118.00	27.00			516.
76 2 21	2340	235.0	.277	.040	5.700	.090				130.00	28.00			492.
76 2 22	540	339.0	.284	.050	5.900	.100				115.00	28.00			486.
76 2 22	1140	339.0	.203	.050	5.800	.090		.710		73.20	27.00			486.
76 2 22	1740	339.0	.172	.050	5.900	.070				53.20	27.00			498.
76 2 22	2340	339.0	.148	.050	5.800	.350				41.50	27.00			510.
76 2 23	540	176.0	.131	.040	5.700	1.380		.530		36.60	28.00			525.
76 2 23	1340	176.0	.084	.020						33.20				702.
76 2 24	1340	124.0	.064	.030						14.10				705.
76 2 25	100	98.0	.063	.030										705.
76 2 25	700	98.0	.075	.030						16.60				710.
76 2 25	1300	98.0	.094	.050						24.50				699.
76 2 25	1900	98.0	.500	.040						448.00				612.
76 2 26	100	80.8	1.340	.050						1111.00				420.
76 2 26	700	125.6	.963	.060						667.00				382.
76 2 26	1300	112.9	1.010	.070						752.00				342.
76 2 26	1900	101.6	.849	.060						581.00				335.
76 2 27	100	45.9	.693	.060						403.00				315.
76 2 27	700	55.2	.538	.070						244.00				317.
76 2 27	1300	26.6	.486	.070						204.00				345.
76 2 27	1900	48.0	.494	.070						222.00				361.
76 2 28	100	35.0	.477	.060						224.00				372.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK WEST BRANCH

LOCATION W/CODE : AT BETTSVILLE, OHIO USGS NO. 04197300

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 2 28	700	35.0	.402	.060						177.00				393.
76 2 28	1300	35.0	.326	.060						133.60				429.
76 2 28	1900	35.0	.289	.060						115.00				458.
76 2 29	100	31.0	.232	.060						89.40				483.
76 2 29	700	31.0	.197	.050						72.10				502.
76 2 29	1300	31.0	.174	.040						62.90				578.
76 2 29	1903	31.0	.157	.040						54.80				533.
76 3 1	100	25.0	.144	.040						52.30				549.
76 3 1	700	23.0	.130	.040						44.40				560.
76 3 8	1220	66.0	.117		4.800	.170		2.430		56.30	33.00		3.00	584.
76 3 9	1220	56.0	.093		4.700	.170		2.210		30.20	34.00		2.00	606.
76 3 10	1220	42.0	.085		4.600	.130		.960		22.30	35.00		1.70	641.
76 3 11	1220	36.0	.064		4.400	.150		1.220		16.90	37.00		1.30	644.
76 3 12	1220	30.0	.070		4.200	.130		1.160		15.20	38.00		1.30	663.
76 3 13	1220	27.0	.064		4.300	.130		1.220		13.60	40.00		1.50	665.
76 3 14	122	25.2	.069		4.100	.190		.440		10.60	42.00		1.10	689.
76 3 15	620	21.7	.064		4.100	.120		1.690		9.50	42.00		1.30	693.
76 3 15	1800	20.0	.062	.040	4.000	.050		.410		9.10	36.00			705.
76 3 16	1200	19.4	.045	.030	3.900	.080		.430		15.50	36.00			691.
76 3 17	1200	18.8	.050	.040	3.800	.070		.430		5.70	37.00			716.
76 3 18	1200	16.5	.050	.030	3.700	.070		.430		4.30	38.00			724.
76 3 19	1200	30.3	.051	.020	3.600	.180		.380		14.10	43.00			731.
76 3 20	1200	34.8	.102	.040	3.300	.090		.550		23.70	44.00			728.
76 3 21	1200	41.0	.082	.030	3.300	.010		.580		38.20	39.00			701.
76 3 21	1800	50.0	.071	.030	3.200	.020		.530		17.10	38.00			694.
76 3 22	900	41.0	.120	.060	3.100	.060				20.80	40.00			676.
76 3 23	900	25.0	.071	.020	3.200	.070				20.20	40.00			680.
76 3 24	900	23.0	.060	.020	3.200	.020				13.60	37.00			672.
76 3 25	900	22.0	.100	.100	3.000	.100				22.40	37.00			671.
76 3 26	900	19.0	.054	.030	2.600	.030				16.40	37.00			674.
76 3 27	900	18.0	.111	.110	2.600	1.110				16.70	37.00			696.
76 3 28	900	17.0	.110	.110	2.500	.110				17.20	39.00			687.
76 3 29	900	16.0	.041	.040	2.500	.040				11.30	39.00			716.
76 3 29	1145	13.0	.044	.010	2.650	.040				1.30	40.00			698.
76 3 29	1445	13.0	.043	.010	2.900	.030				2.60	40.00			735.
76 3 29	1740	13.0	.061	.010	2.800	.040				8.00	41.00			724.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK WEST BRANCH

LOCATION W/CODE : AT BETTSVILLE, OHIO USGS NO. 04197300

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	3	29	2345	13.1	.055	.010	2.850	.030				5.20	41.00			736.
76	3	30	2345	13.1	.073	.030	2.750	.040				2.50	41.00			730.
76	3	31	2345	13.1	.059	.020	2.850	.020				6.90	40.00			731.
76	3	31	2345	13.1	.065	.010	2.800	.030				4.60	39.00			747.
76	4	1	2045	13.1	.061	.010	2.500	.060				7.60	40.00			749.
76	4	5	1140	17.1	.014	.010	2.300	.030				6.40	45.00			724.
76	4	6	1140	15.5	.010	.010	2.300	.040				7.80	44.00			716.
76	4	7	1140	14.1	.010	.010	2.100	.040				6.50	45.00			704.
76	4	8	1140	11.7	.010	.010	2.100	.380				3.90	44.00			709.
76	4	9	1140	10.2	.006		2.200	.020				1.20	43.00			709.
76	4	10	1140	9.5	.008		2.100	.040				5.00	41.00			722.
76	4	11	1140	9.5	.002		2.300	.030				4.50	41.00			724.
76	4	12	540	8.8	.009		2.300	.010				4.50	41.00			734.
76	4	12	1300	8.8	.115	.050	1.600	.160				6.80	40.00			719.
76	4	13	1300	8.4	.108	.040	1.900	.220				5.70	45.00			739.
76	4	14	1300	8.0	.107	.030	1.900	.160				6.40	44.00			739.
76	4	15	1300	8.0	.114	.022	1.800	.140				4.90	44.00			739.
76	4	16	1300	8.0	.132	.030	1.500	.180				3.30	43.00			722.
76	4	17	1300	8.0	.150	.030	.900	.290					44.00			684.
76	4	18	1300	7.7	.142	.020	.800	.150				4.20	44.00			683.
76	4	19	700	7.7	.126	.020	.700	.120				5.80	45.00			705.
76	4	19	1200	7.7	.075	.030	.700	.280				6.70	45.00			720.
76	4	20	1200	7.7	.063	.010	.700	.230				6.50	43.00			725.
76	4	21	1200	7.7	.103	.040	1.000	.210				17.90	42.00			733.
76	4	22	1200	9.5	.070	.030	1.200	.140				8.20	42.00			736.
76	4	23	1200	10.2	.062	.010	1.200	.130				8.70	44.00			746.
76	4	24	1200	9.5	.071	.010	.900	.050				7.00	45.00			755.
76	4	25	1200	10.2	.068	.010	1.100	.040				7.10	46.00			764.
76	4	26	600	14.6	.058	.010	1.500	.100				7.90	47.00			785.
76	4	26	1300	17.7	.040	.040	1.400	.070				2.60	47.00		1.12	782.
76	4	27	130	16.5	.050	.050	1.400	.070				3.50	45.00		.52	796.
76	4	28	1300	12.2	.040	.040	1.800	.070				1.20	52.00		.40	802.
76	4	29	1300	10.6	.022	.010	1.700	.040				2.30	53.00		.45	800.
76	4	30	1300	9.9	.022		1.500	.040				3.20	53.00		.49	761.
76	5	3	1300	11.0		.010	3.600	.470				8.00	42.00			746.
76	5	4	1300	9.5		.020	2.800	.430				7.60	38.00			732.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK WEST BRANCH

LOCATION W/CODE : AT BETTSVILLE, OHIO USGS NO. 04197300

SAMPLIN, DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	5	5	1300	8.8		.020	1.400	.100				7.90	50.00			721.
76	5	6	1300	8.8	1.000	.020	1.200	.310				8.00	50.00			753.
76	5	7	700	50.0	.153	.020	4.900	.220				80.20	46.00			714.
76	5	7	1300	109.7	.208	.020	4.200	.130				105.00	42.00			699.
76	5	7	1940	122.4	.182	.020	6.800	.120				74.20	46.00			734.
76	5	8	100	111.3	.157	.020	9.500	.300				44.70	47.00			741.
76	5	8	700	92.3	.138	.030	6.800	.240				33.20	46.00			712.
76	5	9	1300	41.5	.064	.030	7.600	.090				13.30	42.00			710.
76	5	10	700	22.3	.043	.010	4.400	.050				15.50	40.00			713.
76	5	10	1300	28.8	.074	.070	6.000	.080					48.00			687.
76	5	11	1300	22.3	.075	.050	4.900	.060					47.00			688.
76	5	12	1300	17.7	.073	.030	4.200	.010					46.00			683.
76	5	13	1300	14.1	.048	.030	3.600						46.00			675.
76	5	14	1300	12.7	.048	.030	3.100						46.00			693.
76	5	15	1300	11.2	.054	.030	2.900						47.00			703.
76	5	16	1300	11.0	.067	.050	2.500	.020					47.00			702.
76	5	17	700	11.7	.072	.040	2.500						48.00			696.
76	5	25	1300	10.6	.082	.010	4.200	.090				22.20	41.00			738.
76	5	26	1300	9.1	.050	.020	5.400	.130				8.30	41.00			742.
76	5	27	1300	7.0	.054	.020	4.600	.080				7.40	42.00			749.
76	5	28	1300	6.3	.052	.020	3.800	.090				6.90	42.00			739.
76	5	29	1300	6.0	.062	.020	3.300	.060				9.60	43.00			741.
76	5	30	1300	6.0	.059	.010	2.900	.040				3.80	43.00			734.
76	5	31	700	6.0	.087	.030	3.600	.060				7.50	43.00			733.
76	5	31	1240	6.0	.053	.050	2.700	.120				10.10	43.00			753.
76	5	31	1840	6.0	.053	.050	2.800	.080				9.10	43.00			741.
76	6	1	40	5.7	.089	.060	2.700	.050				17.10	44.00			748.
76	6	1	640	5.7	.058	.050	2.400	.080				7.80	43.00			754.
76	6	1	1240	46.5	.422	.100	5.700	.040				277.00	34.00			591.
76	6	1	1840	165.6	.442	.080	18.500	.030				310.00	39.00			649.
76	6	2	40	179.7	.270	.100	22.000	.050				114.00	34.00			703.
76	6	2	640	157.0	.189	.080	19.800	.110				66.40	37.00			750.
76	6	2	1240	130.2	.150	.090	18.800	.080				44.30	39.00			770.
76	6	2	1840	106.5	.125							35.00				783.
76	6	3	40	79.5	.144							42.80				799.
76	6	3	640	60.9	.127							39.10				806.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK WEST BRANCH

LOCATION W/CODE : AT BETTSVILLE, OHIO USGS NO. 04197300

SAMPLE DATE YR MO DY	TIME (24 HR) HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
74 [illegible] 5	1240	49.0	.101	.08[illegible]	16.200	.080				21.20	44.00			805.
74 [illegible] 4	1740	24.5	.080	.08[illegible]	14.600	.060				17.80	41.00			803.
74 [illegible] 4	2340	15.1	.270	.24[illegible]	12.700	.030				25.60	41.00			800.
74 [illegible] 5	1240	11.3	.[illegible]5[illegible]	.04[illegible]	13.600	.010				10.70	42.00			798.
74 6 7	640	9.9	.047	.02[illegible]	9.200	.010				11.70	42.00			803.
74 6 7	1140	9.5	.425	.03[illegible]	8.000	.050					63.00			735.
74 [illegible] 7	1740	9.5	.112	.04[illegible]	8.500	.170				15.40	63.00			732.
74 [illegible] 7	2340	9.8	.114	.03	8.000	.120				26.40	63.00			726.
74 6 8	540	8.4	.085	.020	7.800	.120				23.40	63.00			733.
74 6 8	1140	8.[illegible]	.103	.030	7.500	.110				24.00	63.00			736.
74 6 8	1740	7.7	.084	.040	7.000	.180				13.90	62.00			723.
74 6 8	2340	7.4	.086	.040	6.500	.160				19.00	62.00			735.
74 6 9	540	6.7	.087	.040	6.300	.150				20.10	62.00			734.
74 6 9	1140	6.4	.087	.04[illegible]	6.100	.130				18.60	62.00			734.
74 6 9	1740	6.4	.079	.040	5.900	.140				16.80	62.00			724.
74 6 9	2340	5.7	.068	.060	5.600	.140				22.20	63.00			736.
74 [illegible] 1	540	5.4	.077	.05[illegible]	5.200	.140				22.10	63.00			736.
74 [illegible] 1	1140	5.1	.085	.05[illegible]	5.000	.120				19.70	63.00			736.
74 [illegible] 1	1740	4.[illegible]	.09[illegible]	.06[illegible]	4.000	.150				20.10	63.00			740.
74 [illegible] 1	1140	3.9	.08[illegible]	.06[illegible]	3.200	.140				20.70	63.00			745.
74 [illegible] 1	1140	3.0	.08[illegible]	.06[illegible]	2.500	.110				31.60	64.00			735.
76 [illegible] 16	540	2.9	.087	.080	2.100	.100				35.50	63.00			740.
76 6 16	1140	2.9	.177	.100	2.000	.020				21.00	45.00		.40	694.
76 6 16	1300	2.8	.197	.150	1.500	.020				17.50	48.00		.40	706.
74 [illegible] 16	1[illegible]	2.8	.302	.230	1.400	.070				20.30	50.00		.40	710.
76 [illegible] 17	1[illegible]	2.8	.220	.170	1.200	.080				21.80	46.00		.40	698.
76 6 18	1300	2.9	.175	.120	1.000	.030				20.90	46.00		1.00	688.
76 6 19	1300	3.2	.176	.090	.900	.050				26.60	42.00		1.00	639.
76 [illegible] 20	1[illegible]	21.7	.194	.070	5.400	.020				56.00	44.00		.70	703.
74 [illegible] 21	740	19.4	.177	.100	6.800	.020				43.70	54.00		.50	770.
76 [illegible] 21	1[illegible]	16.[illegible]	.187	.09[illegible]	7.300	.040		1.340		41.70	61.00			822.
74 [illegible] 22	1[illegible]	8.2	.220	.110	6.500	.090		1.600		68.90	60.00			769.
74 [illegible] 23	1[illegible]	4.6	.149	.070	6.800	.170		2.700		32.00	56.00			754.
76 6 24	1300	3.7	.194	.110	5.900	.140		1.900		38.30	52.00			714.
74 6 24	1[illegible]	21.7	.225	.090	8.300	.060		2.100		92.40	42.00			704.
74 [illegible] 25	1[illegible]	34.8	.193	.060	7.800	.050		2.100		92.80	43.00			708.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK WEST BRANCH

LOCATION W/CODE : AT BETTSVILLE, OHIO USGS NO. 04197300

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	6	26	100	43.3	.200	.080	9.500	.050		3.000		71.60	47.00			741.
76	6	26	700	41.5	.205	.060	8.200	.050		1.900		81.10	44.00			727.
76	6	26	1300	33.3	.210	.090	9.000	.060		1.900		47.90	52.00			745.
76	6	27	1300	13.1	.177	.080	10.000	.060		1.700		41.00	48.00			750.
76	6	28	700	11.0	.141	.060	10.900	.020		1.700		33.00	44.00			726.
76	6	28	1300	7.0	.145	.070	10.700	.190				24.10	42.00			731.
76	6	29	1300	5.0	.142	.050	9.800	.080				22.80	42.00			722.
76	6	30	1534	3.9	.133	.050	7.800	.090				19.00	42.00			725.
76	7	1	100	3.7	.146	.060	7.000	.060				28.90	42.00			726.
76	7	1	1300	3.2	.140	.060	6.300	.050				17.80	43.00			736.
76	7	2	100	3.0	.166	.070	5.700	.060				27.40	42.00			724.
76	7	2	700	2.9	.125	.050	5.400	.080				25.10	42.00			729.
76	7	2	1015	2.9	.126	.080	5.400	.110				22.50	46.00			
76	7	2	2200	2.9	.154	.100	4.700	.060				26.80	46.00			
76	7	3	1000	2.8	.115	.070	4.200	.040				20.40	47.00			
76	7	3	2200	2.8	.180	.130	3.900	.220				25.60	48.00			
76	7	4	1000	1.7	.107	.060	3.300	.090				20.80	48.00			
76	7	4	2200	1.7	.141	.080	3.000	.120				26.60	48.00			
76	7	5	700	1.4	.136	.090	2.900					12.20	50.00			
76	7	5	1140	1.4	.161	.110	3.100					16.00	45.00			688.
76	7	5	1900	1.4	.202	.160	3.000	.010				14.20	46.00			687.
76	7	6	700	1.2	.192	.140	2.600	.020				18.20	45.00			694.
76	7	6	1900	1.2	.217	.170	2.100	.040				13.70	46.00			686.
76	7	7	700	1.0	.213	.170	2.100	.050				17.80	46.00			692.
76	7	7	1900	1.0	.194	.140	1.500	.120				14.50	46.00			680.
76	7	8	700	1.0	.282	.220	1.600	.120				16.10	45.00			656.
76	7	8	1900	1.0	.215	.160	1.200	.120				14.60	47.00			660.
76	7	9	700	1.5	.240	.170	1.600	.130				35.90	46.00			666.
76	7	9	1900	1.5	.158	.100	1.000	.090				18.30	46.00			664.
76	7	10	700	2.1	.168	.090	.800	.080				23.80	49.00			688.
76	7	10	1900	2.1	.204	.120	.700	.080				15.40	52.00			687.
76	7	11	700	1.6	.192	.070	.500	.130				22.40	52.00			693.
76	7	11	1900	1.6	.197	.070	.800	.040				19.50	55.00			692.
76	7	12	100	1.1	.200	.090	.900	.070				44.60	55.00			699.
76	7	12	1300	1.1	.198	.130	1.600					18.60	54.00			679.
76	7	13	100	.8	.283	.150	1.300					44.30	54.00			681.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK WEST BRANCH

LOCATION W/CODE : AT BETTSVILLE, OHIO

USGS NO. 04197300

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 7 13	1300	.8	.339	.250	1.300	.030					53.00			674.
76 7 14	100	.7	.265	.170	1.100	.030				27.30	51.00			667.
76 7 14	1300	.7	.341	.240	1.100	.060					52.00			674.
76 7 15	100	.6	.331	.200	1.400	.150				24.50	51.00			669.
76 7 15	1300	.6	.385	.230	1.600	.150				19.20	50.00			677.
76 7 16	100	.7	.467	.230	1.900	.180				29.70	51.00			626.
76 7 16	1300	.7	.581	.340	1.400	.320				16.00	52.00			615.
76 7 17	100	.7	.342	.200	1.100	.090				25.90	50.00			635.
76 7 17	1300	.7	.325	.210	.700	.090				10.90	50.00			648.
76 7 18	100	.7	.298	.200	.700	.080				22.50	49.00			640.
76 7 18	1300	.7	.398	.230	.800					14.50	50.00			652.
76 7 19	100	.6	.286	.200	.370	.180				16.90	49.00			637.
76 7 19	700	.6	.308	.230	.480	.150				15.80	50.00			651.
76 7 19	1300	.6	.310	.310	.900	.020				7.10	50.00			652.
76 7 20	100	.5	.310	.310	.700	.020				20.50	52.00			663.
76 7 20	1300	.5	.350	.350	.700	.080				10.80	51.00			669.
76 7 21	100	.5	.386	.360	.600	.070				23.50	52.00			666.
76 7 21	1300	.5	.925	.830	2.500					14.40	99.00			880.
76 7 22	100	.7	.647	.610	1.000	.090				21.60	43.00			681.
76 7 22	1300	.7	.616	.600	.800	.210				19.90	53.00			633.
76 7 23	100	1.2	.505	.480	.700	.220				20.30	48.00			592.
76 7 23	1300	1.2	.843	.790	1.500	.460				46.50	104.00			805.
76 7 24	100	1.9	.270	.270	.500	.130				21.10	39.00			548.
76 7 24	700	1.9	.273	.270	.600	.120				20.90	39.00			573.
76 7 24	1900	1.9	.252	.240	.600	.170				17.90	42.00			551.
76 7 25	100	3.7	.245	.190	.400	.120				21.90	46.00			574.
76 7 25	700	22.3	.226	.100	.100	.160				42.30	48.00			607.
76 7 25	1300	38.9	.242	.120	.300	.070				97.50	47.00			710.
76 7 25	1900	32.5	.360	.190	1.200	.320				84.60	75.00			758.
76 7 26	100	23.7	.423	.190	2.800	.180				138.00	55.00			560.
76 7 26	700	17.7	.375	.190	3.900	.060				112.00	47.00			544.
76 7 26	1300	13.6	.337	.200	4.900	.020				102.00	34.00			455.
76 7 27	100	7.7	.291	.190	4.500	.020				78.40	33.00			453.
76 7 27	1300	5.1	.261	.170	4.200	.050				64.10	32.00			455.
76 7 28	100	3.7	.261	.190	3.800	.130				51.30	32.00			464.
76 7 28	1300	3.0	.256	.150	3.200	.050				36.50	31.00			480.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK WEST BRANCH

LOCATION W/CODE : AT BETTSVILLE, OHIO USGS NO. 04197300

SAMPLING DATE YR MO DY	TIME 24 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 7 30	100	1.0	.257	.170	2.800	.020				46.90	34.00			492.
76 7 30	1300	1.0	.213	.150	<.500	.050				27.20	33.00			494.
76 7 31	100	1.4	.244	.200	2.300	.070				24.80	34.00			503.
76 7 31	1300	1.4	.213	.160	1.900	.050				24.00	34.00			509.
76 7 31	100	1.3	.254	.220	1.730	.070				17.20	34.00			518.
76 7 31	1300	1.3	.199	.160	1.300	.050				19.70	34.00			518.
76 8 1	100	1.4	.319	.260	1.300	.160				19.90	35.00			509.
76 8 1	1300	1.4	.178	.130	1.000	.050				23.70	34.00			514.
76 8 2	100	1.0	.197	.160	.900	.050				15.40	35.00			512.
76 8 2	700	1.0	.200	.170	.900	.080				11.80	35.00			517.
76 8 2	1300	1.0	.188	.170	1.000	.020				24.30	41.00			514.
76 8 3	100	.7	.321	.320	1.000	.010				35.00	42.00			526.
76 8 3	1300	.7	.290	.290	1.300	.010				23.90	42.00			531.
76 8 4	100	.5	.258	.240	.800	.010				35.20	42.00			531.
76 8 4	1300	.5	.333	.330	1.100	.010				22.30	45.00			556.
76 8 5	100	.4	.280	.290	.700	.090				1.30	420.00			5440.
76 8 5	1300	.4	.370	.360	.800	.150				24.00	48.00			567.
76 8 6	100	.4	.460	.460	.800	.330				23.90	61.00			622.
76 8 6	1300	.4	.322	.310	.600	.140				15.50	43.00			550.
76 8 7	100	.5	.514	.470	.800	.630				33.90	58.00			619.
76 8 7	1300	.5	.542	.520	.900	.670				23.20	57.00			595.
76 8 8	100	.8	.547	.500	1.000	.560				31.40	55.00			572.
76 8 8	1300	.6	.446	.410	.800	.320				20.20	43.00			541.
76 8 9	100	.7	.250	.230	.700	.160				27.80	38.00			544.
76 8 9	700	.7	.205	.190	.500	.120				24.40	42.00			543.
76 8 9	1900	.7	.192	.150	.500	.010				40.50	44.00			527.
76 8 10	100	.6	.255	.240	.600	.020				26.30	45.00			534.
76 8 10	700	.6	.210	.200	.500	.010				21.80	45.00			535.
76 8 10	1300	.6	.240	.240	.600	.020				26.50	45.00			543.
76 8 10	1900	.6	.180	.180	.500	.030				22.50	48.00			550.
76 8 11	100	1.0	.220	.220	.600	.050				20.00	53.00			565.
76 8 11	700	1.0	.250	.250	.500	.040				18.50	53.00			572.
76 8 11	1300	1.0	.29	.290	.600	.080				22.50	52.00			584.
76 8 11	1900	1.0	.261	.250	.600	.030				20.10	52.00			578.
76 8 12	100	.7	.230	.230	.400	.140				17.80	53.00			572.
76 8 12	700	.7	.240	.240	.600	.030				23.00	52.00			576.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK WEST BRANCH

LOCATION MARION : AT PETTSVILLE, OHIO

USGS NO. 04197300

DATE			FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO+2 NO+3 MG/L	AMMO MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76			.7	.390	.280	.700	.070								
76			.7	.310	.31	.720	.130				23.10	51.00			581.
76		13	1	.305	.290	.500	.160				14.40	50.00			571.
76		14	7.7	.316	.110	5.500	.050				10.90	50.00			562.
76		15	24	.204	.110	2.700	.020				164.00	41.00			507.
76		15	1000	.221	.120	1.400	.050				112.00	37.00			525.
76		16	1100	.147	.120	1.400	.020				75.00	41.00			571.
76		16	7	.149	.100	1.200	.030				73.80	46.00			614.
76	8	16	1300	.180	.160	1.100	.130				52.10	52.00			660.
76	8	17	1300	.201	.150	1.000	.270				25.60	69.00			734.
76	8	18	1300	.169	.130	.700	.190				25.90	33.00			733.
76	8	19	1300	.195	.160	.630	.180				20.50	67.00			691.
76	8	2	1300	.0	.210	.190	.530	.170				17.80	64.00			666.
76	8	21	1300	.6	.324	.280	.600	.280				15.40	63.00			658.
76	8	22	1300	.6	.347	.300	.600	.260				11.20	62.00			670.
76	8	23	700	.5	.293	.170	.530	.190				12.80	64.00			665.
76			11		.32	.320	.900	.030				14.50	62.00			657.
76		4	1100	.4	.340	.340	.900	.020				10.20				659.
76		5	11	.4	.500	.500	1.000	.050				16.60				663.
76			11	.4	.560	.510	1.100	.150				12.00				686.
76			11	.4	.607	.530	.900	.310				19.60				721.
76			1100	.5	.591	.530	.730	.350				15.00				715.
76	8	7	7	.5	.601	.510	.600	.450				12.50				700.
76		8	11	.5	.584	.500	.600	.380				17.60				696.
76			11	.5	.682	.480	.660	.038				23.20				727.
76			11	.5	.601	.600	1.200	.046				10.80	72.90		1.50	711.
76			1100	.5	.615	.615	1.370	.073				12.00	83.90		.50	775.
76			11	.5	.710	.710	1.280	.672				13.20	87.20		.60	796.
76			1100	.5	.729	.710	1.080	.858				13.70	94.30		.40	852.
76			1100	.5	.638	.655	.950	.793				14.30	93.30		.40	856.
76			700	.5	.730	.731	.950	.986				12.60	88.40		.40	828.
76	9	1	11	.1	.771	.744	1.170	.926				12.10	99.30		.30	905.
76	9	2	11	.1	.930	.809	2.770					29.30	110.00		.70	996.
76	9	6	1100	.1	1.010	.856	3.020	.002				27.30	113.00		.75	989.
76	9	7	11	.1	1.200	.955	3.710	.054				19.50	118.00		.95	1035.
76	9	8	11	.1	1.200	.960	3.780	.010				21.30	124.00		.47	1096.
												23.50	128.00		.93	1117.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK WEST BRANCH

LOCATION W/CODE : AT BETTSVILLE, OHIO USGS NO. 04197300

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	9	7	1300	.1	1.180	.934	3.730	.009				12.90	129.00		.87	1142.
76	9	7	1900	.1	1.150	.914	3.560	.026				21.60	133.00		.63	1171.
76	9	8	100	.1	1.230	.941	3.600	.015				13.60	139.00		.82	1222.
76	9	8	700	.1	1.290	1.000	3.780	.029				23.40	142.00		.85	1257.
76	9	8	1300	.1	1.280	.975	3.690	.043				17.90	144.00		.59	1272.
76	9	8	1900	.1	1.320	.978	3.700	.091				25.50	145.00		.58	1298.
76	9	9	100	.4	1.470	1.040	3.970	.154				37.50	150.00		.91	1337.
76	9	9	700	.4	1.440	1.050	3.780	.312				39.60	150.00		.94	1361.
76	9	9	1300	.4	1.420	1.040	3.500	.522				25.30	151.00		.63	1371.
76	9	9	1900	.4	1.070	.755	2.290	.675				34.60	112.00		2.39	823.
76	9	10	100	.7	1.190	.933	2.550	.216				11.80	51.50		.75	463.
76	9	10	700	.7	1.100	.908	1.610	1.020				10.00	45.80		.77	444.
76	9	10	1300	.7	.988	.816	1.300	.911				16.80	48.20		.74	461.
76	9	10	1900	.7	.814	.662	1.030	.504				29.40	44.80		.98	461.
76	9	11	100	.5	.695	.567	.780	.415				19.40	44.90		.76	490.
76	9	11	700	.5	.567	.481	.570	.318				12.20	44.80		.65	507.
76	9	11	1300	.5	.544	.438	.510	.291				11.90	45.00		.64	521.
76	9	11	1900	.5	.585	.472	.600	.300				24.10	47.90		.33	541.
76	9	12	100	.5	.455	.389	.400	.125				17.20	39.50		.54	526.
76	9	12	700	.5	.462	.414	.410	.230				11.20	39.00		.47	530.
76	9	12	1300	.5	.534	.480	.480	.387				13.40	40.20		.43	534.
76	9	12	1900	.5	.535	.477	.530	.236				15.40	40.20		.41	539.
76	9	13	100	.5	.548	.412	.460	.140				9.50	35.10		.41	529.
76	9	13	700	.5	.469	.391	.400	.159				11.80	31.90		.37	523.
76	9	13	1300	.5	.447	.430	1.100	.050				10.40	31.00			517.
76	9	13	1900	.5	.524	.510	1.320	.025				3.70	36.00			535.
76	9	14	100	.6	.526	.490	1.430	.030				12.50	38.00			552.
76	9	14	700	.6	.428	.370	.950	.150				6.40	37.00			543.
76	9	14	1300	.6	.503	.470	1.150	.050				9.20	42.00			564.
76	9	14	1900	.6	.587	.550	1.240	.120				10.00	45.00			578.
76	9	17	1300	.6	.702	.570	.900	.430				25.30	64.00			587.
76	9	17	1900	.6	.578	.530	.730	.280				10.40	63.00			593.
76	9	18	100	.5	.588	.540	.770	.330				10.50	69.00			634.
76	9	18	700	.5	.543	.470	.680	.300				9.60	63.00			614.
76	9	18	1300	.5	.484	.430	.580	.250				12.60	60.00			608.
76	9	18	1900	.5	.475	.440	.520	.170				7.00	60.00			599.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK WEST BRANCH

LOCATION W/CODE : AT BETTSVILLE, OHIO USGS NO. 04197300

SAMPLING DATE YR	MO	DY	TIME 24 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	9	19	100	.4	.538	.470	.600	.120				9.60	65.00			630.
76	9	19	700	.4	.484	.420	.620	.190				12.70	57.00			612.
76	9	19	1300	.4	.313	.260	.380	.150				17.40	54.00			587.
76	9	19	1900	.4	.265	.210	.380	.160				5.30	53.00			594.
76	9	20	1300	1.0	.253	.213	.360	.027				9.60	55.90			603.
76	9	21	1300	1.1	.216	.155	.260	.444				10.30	61.10			619.
76	9	22	1300	1.0	.207	.163	.130	.163				7.90	67.70			660.
76	9	23	1300	1.0	.135	.096	.160	.090				7.80	68.20			725.
76	9	24	1300	1.1	.145	.117	.250	.067				8.60	63.40			761.
76	9	25	1300	.8	.193	.163	.430	.080				10.00	62.10			783.
76	9	26	1300	.7	.426	.383	.500	.759				6.80	66.60			823.
76	9	27	700	.8	.343	.284	.440	.277				10.90	58.30			723.
76	9	27	1300	.9	.278	.278	.770	.077				9.40	59.70			725.
76	9	28	1300	1.3	.173	.173	.340	.086				7.30	58.90			762.
76	9	29	1300	2.0	.121	.121	.130	.093				9.30	85.00			887.
76	9	30	1900	1.4	.136	.102	.240	.087				12.00	86.10			849.
76	10	1	1300	1.2	.157	.146	.350	.092				14.50	83.00			836.
76	10	2	1300	.7	.188	.184	.270	.243				10.30	86.00			872.
76	10	3	1300	.5	.195	.195	.290	.115				7.70	85.20			867.
76	10	4	700	.4	.216	.190	.300	.067				9.80	84.20			855.
76	10	4	1300	.4	.231	.197	.480	.128				4.50	78.90			858.
76	10	5	1300	.4	.326	.262	.400	.144				11.30	79.70			870.
76	10	6	1300	.3	.704	.621	.280	.988				5.00	80.80			896.
76	10	7	1300	.3	.531	.447	.200	.368				6.70	70.30			753.
76	10	8	1300	.4	.342	.307	.090	.143				2.50	70.00			776.
76	10	9	1300	.5	.512	.448	.210	.500				2.60	71.20			793.
76	10	10	1300	.8	.134	.113	.080	.054				1.60	63.90			744.
76	10	11	700	.9	.143	.120	.080	.083				5.50	69.70			765.
76	10	11	1300	.8	.211	.168	.240	.034				4.90	75.80			782.
76	10	12	1300	.8	.174	.161	.100	.043				3.60	75.90			796.
76	10	13	1300	.7	.240	.231	.110					3.10	76.00			807.
76	10	14	1300	.6	.268	.246	.060	.037				3.30	75.00			812.
76	10	15	1300	.6	.311	.305	.070	.164				3.10	75.80			823.
76	10	16	1300	.5	.322	.227	.090	.063				1.50	74.50			828.
76	10	17	1300	.5	.333	.295	.090	.083				2.30	73.80			834.
76	10	18	700	.5	.339	.318	.130	.316				1.70	74.70			852.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK WEST BRANCH

LOCATION W/CODE : AT BETTSVILLE, OHIO USGS NO. 04197300

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 10 18	1300	.5	.347	.307	.100	.231				4.90	79.50			838.
76 10 19	1300	.4	.352	.340	.130	.224				3.70	78.30			824.
76 10 20	1300	.6	.679	.621	.250	.254				7.00	87.60			878.
76 10 21	1300	.7	.410	.375	.090	.129				3.50	76.20			792.
76 10 22	1300	.7	.266	.258	.100	.156				3.00	76.70			814.
76 10 23	1300	.7	.258	.258	.100	.228				4.60	77.00			808.
76 10 24	1300	1.0	.337	.324	.170	.242				4.60	77.70			783.
76 10 25	700	1.1	.193	.193	.080	.047				5.20	79.20			835.
76 10 25	1300	1.1	.192	.126	.140	.361				.60	76.10	4.40		851.
76 10 26	1300	1.1	.174	.123	.100	.110				1.30	80.90	5.30		891.
76 10 27	1300	1.1	.199	.149	.110	.171				2.60	79.50	4.90		886.
76 10 28	1300	1.1	.174	.123	.110	.189				1.90	75.10	4.40		861.
76 10 29	1300	1.1	.137	.091	.100	.090				2.60	72.50	4.50		837.
76 10 30	1300	1.1	.143	.106	.110	.084				4.20	72.20	4.50		839.
76 10 31	1300	1.4	.249	.180	.200	.245				4.20	79.70	3.70		853.
76 11 1	700	1.4	.151	.086	.120	.119				2.80	77.10	4.03		863.
76 11 1	1300	1.4	.127	.118	.130	.208				4.10	74.30	4.68		841.
76 11 2	1300	1.6	.131	.108	.110	.181				1.70	75.40	5.70		850.
76 11 3	1300	1.6	.084	.077	.080	.116				8.50	81.70	4.70		906.
76 11 4	1300	1.5	.083	.071	.100	.142				6.50	84.30	3.92		930.
76 11 5	1300	1.4	.116	.054	.180	.166				21.20	83.30	4.37		927.
76 11 6	1300	1.3	.115	.069	.210	.228				14.20	80.20	3.73		892.
76 11 7	1300	1.2	.133	.066	.400	.121				6.20	71.70	1.75		927.
76 11 8	1300	1.1	.184	.118	.160	.376				5.50	80.60	3.46		962.
76 11 9	1300	1.0	.242	.182	.180	.478				5.90	85.70	3.35		988.
76 11 10	1300	.9	.581	.478	.230	1.600				5.10	91.90	3.81		1027.
76 11 11	1300	.8	.516	.399	.250	1.020				5.80	90.60	3.07		1028.
76 11 12	1300	.9	.440	.347	.180	.847				7.30	90.70	3.89		1030.
76 11 13	1300	.8	.333	.246	.190	.610				7.70	89.00	3.59		1034.
76 11 14	1300	.8	.557	.437	.200	1.530				6.20	95.40	3.23		1087.
76 11 15	1300	.8	.584	.483	.290	1.930				5.30	97.50			1097.
76 11 16	1300	.8	.646	.529	.390	1.800				3.80	102.00			1132.
76 11 17	1300	.8	.597	.498	.300	1.490				3.90	101.00			1128.
76 11 18	1300	.7	.302	.237	.290	.452				2.90	92.10			1061.
76 11 19	1300	.7	.287	.223	.310	.324				3.90	90.40			1033.
76 11 20	1300	.7	.378	.284	.280	.485				3.40	88.80			1017.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK WEST BRANCH

LOCATION W/CODE : AT BETTSVILLE, OHIO USGS NO. 04197300

SAMPLING DATE YR MO DY	TIME 24HR.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 11 21	1300	.7	.519	.405	.290	.929				3.40	90.70			1039.
76 11 22	700	.7	.303	.237	.290	.418				3.00	89.60			1040.
76 11 22	1300	.7	.358	.283	.330	.637				4.70	90.60	3.85		1022.
76 11 23	1300	.7	.264	.205	.330	.230				4.60	92.40	3.08		1037.
76 11 24	1300	.7	.586	.489	.290	1.380				6.50	101.00	2.92		1136.
76 11 25	1300	.7	.745	.619	.300	1.660				4.10	106.00	4.38		1183.
76 11 26	1300	.7	2.000	2.000	.250	2.000				10.70	161.00	9.10		1679.
76 11 27	1300	.7	.441	.255	.230	.460					93.60	2.01		992.
76 11 28	1300	.7	.228	.163	.210	.202				2.70	85.80	2.80		943.
76 11 29	700	.7	.398	.299	.210	.707				4.40	97.40	3.80		1051.
76 12 6	1300	.5	1.240	1.240	2.730	.034		4.900		9.50	118.00	3.92		1259.
76 12 7	1300	.5	.783	.489	1.920	.028		4.200		10.60	103.00	4.25		1341.
76 12 8	1300	.5	.596	.567	1.470	.836		3.900		8.00	105.00	2.81		1243.
76 12 9	1300	.4	.669	.411	.650	1.010		5.000		7.30	106.00	2.92		1299.
76 12 10	1300	.4	.505	.249	.470	.515		4.800		6.40	99.70	2.48		1314.
76 12 11	1300	.4	.324	.254	.390	.668		3.700		5.90	97.10	1.88		1233.
76 12 12	1300	.4	.369	.346	.370	1.310		5.200		11.30	97.70	1.98		1204.
76 12 13	700	.4	.429	.346	.410	.279		8.300		5.90	106.00	3.68		1278.
76 12 13	1300	.4	.452	.343	.330	1.330		2.300		5.50	104.00	1.49	.26	1322.
76 12 14	1300	.4	.555	.429	.300	1.440		2.400		4.30	112.00	1.67	.14	1472.
76 12 15	1300	.4	.331	.255	.290	.678		1.400		4.80	112.00	1.07	.15	1499.
76 12 16	1300	.4	.244	.160	.290	.394		1.000		2.90	108.00	.84	.15	1462.
76 12 17	1300	.4	.216	.150	.320	.427		1.400		3.60	106.00	1.04	.12	1407.
76 12 18	1300	.4	.255	.185	.360	.618		1.200		4.80	106.00	1.03	.13	1410.
76 12 19	1300	.4	.263	.186	.390	.596		1.300		6.20	104.00	1.12	.19	1364.
76 12 20	700	.4	1.800	1.440	.380	2.000		8.000		11.10	143.00	4.91	.55	1634.
76 12 20	1300	.4	.507	.424	.520	1.880		3.100		5.60	120.00	3.36		1242.
76 12 21	700	.4	.102	.067	.440	.161		.900		5.00	93.90	2.61		1077.
76 12 22	1300	.4	.197	.129	.740	.346		1.200		11.10	108.00	3.64		1331.
76 12 23	1300	.4	.190	.086	.970	.192		3.900		17.00	106.00	2.15		1341.
76 12 24	1300	.4	.567	.097	.690	.145		7.000		116.00	107.00	2.21		1410.
76 12 25	1300	.4	.190	.127	.850	.240		1.000		3.60	107.00	2.75		1406.
76 12 26	1300	.4	.192	.140	.840	.427		1.100		4.00	103.00	2.39		1339.
76 12 27	100	.4	.208	.155	.870	.496		1.200		4.00	103.00	1.87		1281.
76 12 27	1300	.4	.224	.128	.910	.292		1.100		11.30	102.00	2.48		1288.
76 12 28	1300	.4	.213	.142	.820	.321		1.300		15.10	100.00	2.24		1249.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK WEST BRANCH

LOCATION W/CODE : AT BETTSVILLE, OHIO USGS NO. 04197300

SAMPLING DAT. YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	12	29	1300	.4	.196	.144	.760	.292		.900		10.20	100.00	2.65		1263.
77	1	1	1300	.3	.265	.205	.780	.620		1.560		6.80	111.00	2.38		1445.
77	1	2	1300	.3	.246	.181	.820	.570		1.150		4.80	114.00	3.24		1486.
77	1	3	700	.3	.283	.199	.840	.742		19.300		4.80	114.00	2.31		1487.
77	1	3	1300	.3	.261	.189	.780	.538				6.50	111.00			1442.
77	1	4	1300	.3	.216	.174	.770	.371				39.20	111.00			1419.
77	1	5	1300	.3	.216	.177	.810	.349				5.30	110.00			1426.
77	1	6	1300	.3	.251	.205	.890	.439				6.50	112.00			1412.
77	1	7	1300	.3	.217	.173	.760	.373				5.20	110.00			1437.
77	1	8	1300	.3	.224	.185	.830	.540				5.00	110.00			1410.
77	1	9	1300	.3	.245	.199	.830	.442				5.00	112.00			1449.
77	1	10	700	.3	.297	.241	.850	.652				5.30	111.00			1425.
77	1	11	1900	.3	.240	.211	.880	.430				2.90	111.00			1429.
77	1	12	1900	.3	.305	.271	.950	.622				2.50	115.00			1461.
77	1	13	1900	.3	.276	.222	.980	.555				6.30	116.00			1508.
77	1	14	1900	.2	.309	.261	.910	.835				2.20	117.00			1497.
77	1	15	1900	.2	.270	.214	.900	.675				2.50	117.00			1478.
77	1	16	1900	.2	.349	.280	.980	.838				3.30	118.00			1494.
77	1	17	1900	.2	.739	.739	1.030	.768				2.10	119.00			1532.
77	1	18	700	.2	.471	.387	1.020	1.270				2.30	120.00			1534.
77	1	18	1300	.2	.423	.364	.970	1.080				6.20	122.00	5.00		1535.
77	1	19	1300	.2	.363	.281	.870	1.030				5.10	123.00	5.11		1546.
77	1	20	1300	.2	.307	.265	.890	.851				3.90	122.00	4.80		1523.
77	1	21	1300	.2	.292	.249	.890	.769				3.70	121.00	5.14		1485.
77	1	22	1300	.2	.264	.215	.890					4.60	5.00	5.84		480.
77	1	23	1300	.2	.286	.241	.890	.852				4.60	122.00	5.34		1510.
77	1	24	1300	.2	.293	.252	.920	.961				3.70	125.00	5.19		1543.
77	1	25	1300	.2	.245	.116	.830	.715				3.80	131.00	5.03		1629.
77	1	26	1300	.2	.234	.201	.890	.579				2.70	134.00	5.22		1601.
77	1	27	1300	.2	.226	.193	.810	.755				2.20	182.00	5.99		1613.
77	1	28	1300	.2	.223	.189	.860	.850				3.60	143.00	5.31		1615.
77	1	29	1300	.2	.223	.204	.900	.889				2.80	141.00	6.46		1611.
77	1	30	1300	.2	.246	.181	.970	1.000				2.80	142.00	5.88		1617.
77	1	31	700	.2	.324	.265	.980	1.400			1.00	6.70	140.00	6.50	1.00	1599.
77	2	2	1900	.2	.424	.246	1.010	1.140				4.10	120.00	4.68		1498.
77	2	3	1900	.2	.334	.247	1.000	1.030				1.50	118.00	4.84		1452.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK WEST BRANCH

LOCATION W/CODE : AT BETTSVILLE, OHIO USGS NO. 04197300

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 5 4	1900	.2	.301	.233	1.040	1.050				4.30	117.00	5.03		1417.
77 5 6	1900	.2	.541	.266	1.110	1.090				48.70	113.00	5.13		1379.
77 5 7	1300	.2	.522	.347	1.010	1.640				53.60	139.00	7.90		1397.
77 5 7	1900	.2	.394	.324	1.020	1.400				7.20	131.00	7.78		1393.
77 5 10	1600	.2	.422	.234	1.050	.909				18.00	131.00	5.81		1332.
77 5 11	1900	.2	.347	.287	1.060	1.030				4.70	134.00	5.92		1348.
77 5 10	2200	.2	.386	.323	1.130	1.910				5.40	145.00	5.74		1427.
77 5 11	100	.2	.421	.357	1.080	1.550				5.90	154.00	5.65		1505.
77 5 11	400	.2	.392	.329	1.040	1.430				5.40	149.00	5.76		1466.
77 5 11	700	.2	.354	.291	1.010	1.480				4.10	144.00	5.63		1435.
77 5 11	1000	.2	.314	.258	1.040	1.120				4.90	145.00	5.61		1450.
77 5 11	1300	.2	.291	.221	1.060	.935				9.70	159.00	5.34		1536.
77 5 11	1600	.2	.321	.251	1.110	1.090				10.10	177.00	5.03		1688.
77 5 11	1900	.2	.373	.270	1.300	1.330				12.20	173.00	4.66		1581.
77 5 11	2200	.2	.312	.226	1.280	1.090				10.00	172.00	4.93		1594.
77 5 12	100	.2	.675	.675	1.380	.974				10.10	158.00	4.85		1426.
77 5 12	400	.2	.710	.710	1.600	.715				8.00	132.00	4.63		1167.
77 5 12	700	.2	.296	.207	1.850	.747				5.90	124.00	4.67		1109.
77 5 12	1000	.2	.284	.206	2.110	.699				6.60	120.00	4.91		1109.
77 5 12	1300	.4	.238	.167	2.280	.626				6.80	123.00	4.97		
77 5 12	1600	.4	.243	.149	2.140	.610				9.90	156.00	4.55		
77 5 12	1900	.4	.278	.180	2.280	.958				9.80	132.00	4.91		1177.
77 5 12	2200	.4	.315	.196	2.370	.724				12.60	115.00	4.77		1033.
77 5 13	100	.4	.344	.223	2.570	.641				13.00	106.00	5.08		928.
77 5 13	400	.4	.328	.194	2.670	.469				11.60	98.00	4.93		863.
77 5 13	700	.4	.316	.171	2.700	.379				11.40	93.40	4.92		836.
77 5 13	1000	.4	.281	.121	2.620	.474				9.90	92.00	4.79		835.
77 5 13	1300	.4	.279	.121	2.490	.302				9.10	93.10	4.84		838.
77 5 13	1600	.4	.264	.124	2.360	.380				7.90	91.70	4.88		832.
77 5 13	1900	.4	.247	.115	2.260	.314				6.10	91.80	4.94		831.
77 5 13	2200	.4	.260	.131	2.240	.596				7.00	93.40	5.07		826.
77 5 14	100	.4	.252	.124	2.220	.422				6.40	94.90	5.14		834.
77 5 14	1300	.8	.250	.138	2.220	.459				8.60	98.40	5.29		893.
77 5 15	100	1.6	.237	.145	2.230	.455				6.40	99.60	5.95		918.
77 5 15	1300	1.6	.204	.120	2.240	.425				10.10	110.00	6.06		1003.
77 5 16	100	2.0	.221	.145	2.180	.506				6.70	115.00	5.77		1056.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK WEST BRANCH

LOCATION W/CODE : AT BETTSVILLE, OHIO USGS NO. 04197300

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 2 16	1300	42.0	.181	.131	2.110	.462				7.50	119.00	5.52		1115.
77 2 17	100	41.0	.228	.173	2.040	.539				4.80	120.00	5.81		1140.
77 2 17	1300	41.0	.196	.142	1.980	.384				4.40	124.00	5.75		1184.
77 2 17	2200	41.0	.260	.191	1.900	.530				5.80	121.00	6.01		1160.
77 2 23	1600	20.0	.345	.134	1.790	.325		1.460		40.70	70.50	6.79		610.
77 2 23	1900	20.0	.262	.108	1.950	.409		1.350		33.50	67.30	6.50		588.
77 2 23	2200	20.0	.292	.088	2.730	.317		1.270		66.00	66.90	6.35		599.
77 2 24	100	267.0	.622	.103	3.200	.831		3.510		228.00	99.60	8.57		836.
77 2 24	400	267.0	.453	.141	2.890	1.150		3.260		136.00	100.00	9.35		785.
77 2 24	700	267.0	.509	.139	2.740	.788		2.830		182.00	83.40	6.12		625.
77 2 24	1000	267.0	.632	.179	2.570	.810		4.480		208.00	83.20	7.27		597.
77 2 24	1300	267.0	.656	.171	2.560	.614		5.970		271.00	72.70	6.85		511.
77 2 24	1600	267.0	.561	.141	2.570	.457		4.990		214.00	60.10	6.56		426.
77 2 24	1900	267.0	.452	.160	2.570	.415		3.260		219.00	52.00	5.99		390.
77 2 24	2200	267.0	.547	.127	2.670	.435		4.290		221.00	48.70	6.59		369.
77 2 25	100	304.0	.461	.138	2.680	.419		3.440		158.00	45.90	7.43		361.
77 2 25	400	304.0	.408	.140	2.830	.392		1.960		90.60	45.00	7.02		354.
77 2 25	700	304.0	.386	.144	3.010	.343		2.960		71.10	44.30	7.33		350.
77 2 25	1000	304.0	.414	.143	3.170	.327		1.350		78.40	44.20	7.56		352.
77 2 25	1300	304.0	.369	.145	3.290	.337		2.420		87.90	44.30	6.67		364.
77 2 25	1600	304.0	.416	.144	2.950	.438		3.330		49.80	44.00	7.03		376.
77 2 25	1700	304.0	.398	.112	3.590	.316		4.820		159.00	48.80	8.01		379.
77 2 25	2000	304.0	.370	.137	3.670	.406		3.800		117.00	49.80	6.49		382.
77 2 25	2300	304.0	.303	.131	4.070	.287		2.950		71.60	50.00	6.58		386.
77 2 26	200	178.0	.335	.140	4.170	.283		1.900		98.30	52.00	6.09		392.
77 2 26	500	178.0	.273	.121	4.240	.443		1.440		42.00	53.40	6.17		401.
77 2 26	800	178.0	.248	.115	4.070	.300		1.700		39.50	52.20	5.89		403.
77 2 26	1100	178.0	.246	.121	4.080	.306		1.380		34.70	52.50	5.84		407.
77 2 26	1400	178.0	.240	.128	4.170	.320		1.640		33.80	53.10	7.07		416.
77 2 26	1700	178.0	.237	.126	4.160	.298		1.540		26.20	52.60	6.26		420.
77 2 26	2000	178.0	.239	.130	4.230	.614		2.010		23.50	53.80	5.46		425.
77 2 26	2300	178.0	.251	.104	4.170	.300		1.380		24.90	52.90	6.16		429.
77 2 27	200	242.0	.223	.121	4.320	.240		1.200		25.70	56.90	5.78		445.
77 2 27	500	242.0	.223	.115	4.780	.225		1.550		30.00	58.90	6.03		449.
77 2 27	800	242.0	.246	.115	4.860	.219		2.510		53.40	57.70	6.24		442.
77 2 27	1100	242.0	.461	.101	4.800	.152		4.420		171.00	55.80	6.35		443.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK WEST BRANCH

LOCATION W/CODE : AT PETTSVILLE, OHIO USGS NO. 04197300

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	[illegible]	27	1400	242.0	.581	.103	4.500	.205		6.570		440.00	54.70	6.74		435.
77	[illegible]	27	1700	242.0	.423	.112	4.970	.183		1.560		221.00	55.40	5.60		416.
77	[illegible]	27	2100	242.0	.501	.113	5.020	.144		3.040		270.00	55.80	5.98		407.
77	[illegible]	27	2500	242.0	.422	.113	5.210	.172		1.460		203.00	53.50	6.41		390.
77	[illegible]	28	200	324.0	.365	.119	5.300	.187		1.290		157.00	52.30	6.96		379.
77	[illegible]	28	500	324.0	.365	.103	5.490	.134		.861		141.00	51.70	6.20		377.
77	[illegible]	28	800	324.0	.306	.124	5.540	.183		1.300		155.00	51.10	5.90		381.
77	[illegible]	28	1300	324.0	.483	.132	6.060	.249		5.400		367.00	45.40			393.
77	3	1	100	150.0	.254	.136	6.470	.202		2.970		79.10	47.80			419.
77	3	1	1300	150.0	.218	.126	6.480	.199		3.990		318.00	49.80			457.
77	3	2	100	97.0	.236	.125	6.410	.262		1.930		59.90	51.90			489.
77	3	2	1300	97.0	.225	.115	6.220	.272		2.140		17.40	52.10			497.
77	3	2	1900	97.0	.207	.110	6.150	.164		1.080		68.30	52.60	6.03	1.60	527.
77	3	3	1900	62.0	.161	.109	5.570	.299		.970		8.90	54.10	6.06	.70	539.
77	3	4	1900	171.0	.324	.108	6.110	.249		1.160		119.00	48.90	5.67	5.70	467.
77	3	5	100	389.0	.489	.116	6.700	.227		1.770		232.00	48.10	5.63	9.50	428.
77	3	5	700	389.0	.569	.116	6.970	.260		1.670		226.00	46.30	5.67	9.60	407.
77	3	5	1300	389.0	.416	.117	7.570	.268		1.980		139.00	45.10	5.58	7.90	405.
77	3	5	1900	389.0	.330	.113	7.610	.317		1.670		94.50	45.80	5.61	5.70	430.
77	3	6	1900	164.0	.196	.089	8.230	.254		1.450		29.30	50.80	6.05	2.30	516.
77	3	7	1300	92.3	.231	.078	7.990	.089				48.60	52.80	8.11		543.
77	3	8	1300	86.6	.182	.083	7.520	.222				37.30	54.40	7.82		568.
77	3	9	1300	64.5	.143	.079	6.580	.205				18.70	54.40	7.61		571.
77	3	10	1300	57.4	.129	.071	6.450	.226				16.10	54.30	8.25		570.
77	3	11	1300	43.3	.122	.075	6.160	.144				12.90	55.80	8.46		597.
77	3	12	1300	38.0	.162	.085	6.010	.196				19.20	57.50	8.45		624.
77	3	13	700	272.2	.296	.061	9.640	.145				173.00	61.10	8.60		608.
77	3	13	1300	315.5	.301	.063	10.200	.123				141.00	63.10	8.82		607.
77	3	13	1900	256.9	.253	.061	10.500	.116				82.20	61.50	7.94		595.
77	3	14	100	192.7	.199	.060	10.600	.234				45.70	59.70	9.15		596.
77	3	14	700	153.7	.173	.057	10.500	.093				42.50	59.70	8.38		610.
77	3	14	1300	128.7		.083	10.400	.072				47.00	59.20	9.08		625.
77	3	15	1300	71.8		.060	9.220	.106				15.40	60.00	9.23		654.
77	3	16	1300	44.1		.066	8.100	.097				25.90	60.80	9.81		684.
77	3	17	1300	28.1		.061	7.270	.071				10.40	62.80	8.75		705.
77	3	18	1300	287.9		.065	7.320	.105				194.00	50.70	7.52		552.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK WEST BRANCH

LOCATION W/CODE : AT BETTSVILLE, OHIO USGS NO. 04197300

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	3	18	1600	409.0		.077	8.220	.138				140.00	52.20	7.09		532.
77	3	18	1900	522.5		.073	8.480	.150				217.00	51.40	7.81		501.
77	3	18	2200	646.8		.078	8.300	.179				299.00	49.60	7.09		466.
77	3	19	100	724.5		.075	8.580	.149				189.00	45.00	7.11		436.
77	3	19	400	772.0		.083	9.110	.168				186.00	44.00	7.39		435.
77	3	19	700	718.8		.075	9.330	.193				144.00	42.90	7.87		439.
77	3	19	1000	630.7		.070	9.780	.154				99.20	43.90	7.37		453.
77	3	19	1600	389.2		.074	9.820	.153				82.50	43.90	7.33		454.
77	3	19	1900	318.5		.085	9.740	.100				113.00	43.40	7.71		454.
77	3	19	2200	279.9		.079	10.000	.078				105.00	44.50	8.03		458.
77	3	23	1300	259.9	.162	.043	9.110	.061				58.10	47.40	7.65	3.60	552.
77	3	24	100	327.3	.159	.044	9.370	.096				54.10	44.40	6.10	3.38	536.
77	3	24	1300	333.1	.163	.050	8.500	.142				42.80	41.10	7.32	3.50	482.
77	3	25	100	206.3	.118	.044	8.600	.064				26.90	41.80	7.33	2.30	527.
77	3	25	1300	142.4	.094	.038	8.750	.062				18.00	43.70	7.90	1.78	557.
77	3	26	100	144.0	.086	.041	8.550	.058				20.80	43.40	7.26	1.50	569.
77	3	26	1300	120.8	.079	.036	8.570	.071				14.00	44.30	7.87	1.20	590.
77	3	26	1600	116.1	.081	.028	6.660	.190				13.00	38.10	7.55	1.00	685.
77	3	27	400	103.3	.077	.036	8.370	.043				16.80	45.90	6.95	1.30	612.
77	3	27	1600	89.4	.073	.040	8.010	.101				16.80	44.30	6.51	1.10	621.
77	3	28	400	131.8	.143	.031	7.780	.060				44.20	46.50	6.80	3.30	597.
77	3	28	1300	348.1	.295	.075	7.930	.100				149.00	33.60	6.67	7.60	523.
77	3	29	100	522.5	.338	.075	8.450	.100				128.00	28.30	7.13	9.48	451.
77	3	29	1300	409.0	.247	.077	8.890	.131				85.50	28.70	7.55	6.20	468.
77	3	30	100	220.4	.174	.064	8.690	.085				63.00	31.10	7.96	3.80	505.
77	3	30	1300	148.9	.122	.055	8.680	1.810				39.90	34.10	6.64	2.00	543.
77	3	31	100	103.3	.102	.054	8.180	.069				35.40	35.10	7.80	1.80	570.
77	3	31	1300	73.1	.085	.058	7.820	.083				29.20	37.20	7.27	1.40	585.
77	3	31	2200	56.2	.084	.049	7.550	.066				26.50	38.70	7.67	1.28	610.
77	4	3	1300	259.3	.279	.057	7.490	.137				84.10	30.20	9.21	6.68	495.
77	4	3	1600	222.5	.250	.060	7.630	.241				43.70	29.40	9.17	5.78	501.
77	4	3	1900	189.0	.213	.061	7.600	.075				37.20	29.30	9.51	4.80	508.
77	4	3	2200	163.8	.199	.059	7.810	.037				33.30	30.70	8.17	4.18	520.
77	4	4	100	148.9	.176	.062	7.810	.219				34.50	31.20	9.39	3.78	533.
77	4	4	1300	114.5	.122	.046	8.070	.320				19.10	34.70	7.33	1.98	578.
77	4	5	100	95.2	.105	.043	7.860	.039				24.10	35.90	6.41	1.40	606.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK WEST BRANCH

LOCATION #/CODE : AT BETTSVILLE, OHIO USGS NO. 04197300

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 4 5	1300	78.2	.080	.040	7.680	.129				13.50	37.70	6.69	.90	623.
77 4 6	100	63.3	.074	.047	7.300	.079				8.50	38.80	8.46	.50	631.
77 4 6	1300	49.7	.074	.043	7.000	.073				7.60	40.10	6.60	.40	640.
77 4 6	1900	43.3	.081	.036	6.050	.013				13.70	42.70	4.12	1.00	649.
77 4 7	1900	44.1	.052	.026	5.760	.026				13.50	43.80	2.66	.80	660.
77 4 8	1900	38.0	.052	.019	5.410	.035				15.70	44.30	2.30	1.00	671.
77 4 11	1300	23.0	.059	.026	4.000	.068				10.80	36.60	1.54	.40	648.
77 4 12	1300	18.2	.057	.021	3.340	.094				15.30	34.90	1.20	.50	657.
77 4 13	1300	16.1	.061	.022	3.490	.537				16.20	38.90	.94	.40	666.
77 4 14	1300	15.2	.061	.026	3.500	.180				16.50	42.30	1.46	.40	674.
77 4 15	1300	12.9	.059	.027	3.060	.104				15.90	39.70	.95	.20	683.
77 4 18	1300	9.5	.079	.022	2.870	.103				14.70	52.60	2.67	.80	731.
77 4 19	1300	9.2	.057	.018	2.660	.082				17.20	52.80	2.29	.60	735.
77 4 20	1300	8.4	.063	.019	2.340	.092				18.10	53.80	2.78	.50	736.
77 4 21	1300	7.7	.080	.018	2.010	.092				18.40	54.70	2.05	.70	745.
77 4 22	1300	8.1	.122	.039	1.750	.159				20.40	52.70	2.35	.80	729.
77 4 23	1300	228.7	.255	.069	10.700	.180				84.00	45.50	7.16	4.20	624.
77 4 24	1300	228.7	.159	.056	11.800	.271				35.60	43.90	9.20	2.00	622.
77 4 25	700	206.3	.150	.049	11.000	.161				28.70	41.30	8.04	2.30	623.
77 4 25	1300	261.9	.140	.067	11.200	.305				39.30	40.10	7.50	2.30	620.
77 4 26	1300	287.9	.135	.056	11.100	.258				33.90	37.70	7.30	2.40	606.
77 4 27	1300	179.7	.091	.047	10.900	.142				23.40	40.20	7.08	1.40	628.
77 4 28	1300	93.8	.068	.034	9.600	.065				19.10	40.20	5.64	.90	654.
77 4 29	1300	95.2	.061	.038	8.350	.814				9.00	40.80	5.45	.70	666.
77 4 30	1300	64.5	.054	.053	8.580	.133				11.30	39.60	5.68	.80	664.
77 5 1	1300	45.9	.047	.042	7.990	.073				12.60	40.50	5.17	.70	673.
77 5 2	700	40.6	.058	.020	6.550	1.990				23.40	41.80	2.20	.90	670.
77 5 2	1300	41.5	.061	.058	6.260	.055		1.650		11.80	44.40	3.63	.50	677.
77 5 3	1300	86.6	.070	.047	7.110	.062		.750		17.90	43.80	4.46	.80	685.
77 5 4	1400	130.2	.180	.078	6.190	.099		1.040		46.30	40.60	4.28	2.90	686.
77 5 4	1300	239.9	.268	.091	6.800	.099		1.420		80.20	37.40	4.77	5.80	576.
77 5 4	1600	402.2	.354	.079	10.500	.147		2.080		134.00	30.50	6.43	9.10	525.
77 5 4	1900	518.9	.416	.104	10.600	.217		2.020		126.00	30.00	6.95	10.10	498.
77 5 4	2200	673.6	.403	.105	11.000	.174		2.220		127.00	28.30	7.13	9.90	480.
77 5 5	100	807.0	.405	.107	10.800	.156		2.470		119.00	26.40	7.25	9.80	457.
77 5 5	400	956.9	.391	.127	11.300	.217		2.540		103.00	25.70	7.60	9.30	448.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK WEST BRANCH

LOCATION W/CODE : AT BETTSVILLE, OHIO USGS NO. 04197300

SAMPLING DATE YR MO DY	TIME 24HR	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	CONC 25C. UMHO
77 5 5	700	962.6	.361	.113	11.300	.223		2.430		86.70	24.40	7.65	8.10	445.
77 5 5	1100	845.6	.325	.113	11.500	.198		2.250		61.80	24.90	8.22	6.80	459.
77 5 5	1300	730.2	.293	.113	11.700	.207		2.210		48.60	26.10	8.37	5.40	479.
77 5 5	1600	694.9	.254	.109	11.800	.185		2.110		46.10	27.50	8.58	4.50	500.
77 5 5	1900	477.9	.237	.106	11.600	.215		1.940		40.60	28.10	8.51	3.90	509.
77 5 5	2200	389.2	.232	.100	11.400	.225		1.710		37.30	29.20	8.56	3.70	527.
77 5 6	100	324.3	.205	.090	11.300	.175		1.890		37.10	30.60	8.60	3.30	537.
77 5 6	400	277.4	.188	.092	11.100	.134		1.420		37.20	30.80	8.42	3.00	548.
77 5 6	700	244.7	.178	.088	11.000	.151		1.600		36.00	31.60	8.39	2.70	553.
77 5 6	1000	216.2	.164	.084	10.900	.139		1.240		28.60	32.30	8.07	2.30	568.
77 5 6	1300	176.0	.143	.075	10.500	.149				19.80	33.70	8.19	1.90	573.
77 5 7	100	134.8	.129	.077	9.990	.142				20.50	34.80	8.25	1.60	596.
77 5 7	1300	98.4	.109	.076	9.500	.088				16.60	36.50	7.31	1.10	624.
77 5 9	100	71.8	.105	.071	9.120	.093				16.00	38.10	7.26	1.00	643.
77 5 9	1300	58.6	.089	.068	8.930	.167				10.20	38.50	6.21	.80	654.
77 5 9	100	46.9	.084	.071	8.870	.122				6.70	38.90	6.23	.80	675.
77 5 9	1300	37.1	.075	.055	7.580	.068				8.80	41.40	6.50	.70	669.
77 5 10	1300	26.6	.063	.053	7.080	.053				6.20	42.80	6.72	.60	681.
77 5 11	1300	20.6	.049	.045	6.790	.040				6.90	43.30	5.64	.50	685.
77 5 12	1300	16.1	.048		6.310	.050				6.70	44.80	4.82	.60	691.
77 5 13	1300	14.3	.045		5.920	.044				5.70	43.80	4.64	.50	683.
77 5 14	1300	12.9	.043		5.600	.058				6.70	44.40	4.00	.50	699.
77 5 15	1300	10.9	.048		5.110	.039				6.30	45.70	3.49	.50	705.
77 5 16	700	9.9	.039	.012	4.630	.025				4.90	46.70	3.68	.60	728.
77 5 16	1300	9.2	.049	.012	3.770	.116				11.20	45.50	1.35	.30	709.
77 5 17	1300	8.1	.055	.017	3.400	.057				15.40	44.70	1.38	.40	712.
77 5 18	1300	7.4	.054	.015	3.210	.046				14.70	45.90	1.27	.40	716.
77 5 19	1300	6.3	.072	.026	2.950	.085				9.20	46.70	1.63	.40	726.
77 5 20	1300	5.0	.070	.027	2.570	.135				8.10	46.70	1.79	.40	733.
77 5 21	1300	4.4	.080	.031	2.340	.120				16.90	46.80	1.22	.50	733.
77 5 22	1300	4.0	.087	.032	2.160	.148				21.70	47.60	1.32	.60	743.
77 5 23	700	3.8	.117	.033	2.120	.134				15.00	46.60	1.36	.80	723.
77 5 23	1300	3.8	.127	.098	1.760	.159		.310		12.40	54.80	1.71	.90	725.
77 5 24	1300	3.6	.108	.096	1.800	.140				13.20	55.90	2.37	.90	696.
77 5 25	1300	3.4	.126	.084	1.690	.108				16.60	54.00	2.67	1.10	712.
77 5 26	1300	3.0	.136	.088	1.610	.174				21.60	55.80	3.22	1.40	722.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : WOLF CREEK WEST BRANCH

LOCATION W/CODE : AT BETTSVILLE, OHIO USGS NO. 04197300

SAMPLE DATE YR MO DY	TIME 24 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO+2 NO+3 MG/L	NH+3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 5 27	1300	2.7	.134	.098	1.590	.197				20.80	57.20	2.64	1.30	724.
77 [illegible]	1300	2.5	.124	.098	1.530	.220				27.20	57.20	2.73	1.40	723.
77 [illegible]	1300	2.4	.142	.082	1.395	.168				26.50	55.80	2.80	1.60	712.
77 5 [illegible]	700	2.1	.166	.092	1.340	.168		.820		26.60	56.10	2.86	1.60	725.
77 5 31	1300	1.8	.204	.045	.990	.102		1.060		31.70	50.50	2.00	1.90	734.
77 6 [illegible]	1300	1.7	.189	.052	.650	.239				21.90	50.50	2.49	1.20	715.
77 6 [illegible]	1300	1.6	.174	.049	.580	.292				15.60	50.70	2.64	1.10	732.
77 6 3	1300	1.8	.193	.059	.680	.405				15.10	51.00	2.27	1.10	729.
77 6 4	1300	1.7	.171	.041	.690	.278				16.40	51.00	2.90	1.30	730.
77 6 5	1300	2.9	.655	.239	.930	.877				45.30	74.40	3.14	1.90	830.
77 6 6	700	2.7	.215	.017	1.000	.179		.873		36.00	47.50	2.27	2.20	690.
77 6 6	1300	2.7	.208	.149	1.010	.165		.838		54.30	60.20	1.29	2.30	672.
77 6 7	1300	2.9	.150	.110	.980	.189				39.70	59.60	1.28	1.70	689.
77 6 8	1300	1.8	.166	.119	.940	.186				36.70	58.40	1.22	1.70	687.
77 6 9	1300	2.7	.154	.121	.980	.165				41.50	58.20	1.23	1.90	680.
77 6 10	1300	2.7	.156	.140	1.030	.176				44.50	60.80	1.03	1.90	708.
77 6 11	1300	2.4	.167	.137	1.010	.181				40.20	60.50	1.06	1.80	697.
77 6 12	1300	2.4	.167	.125	1.010	.156				41.70	59.30	1.19	1.90	713.
77 6 13	700	2.4	.154	.098	1.040	.136		.889		38.20	58.50	1.12	1.70	731.
77 6 13	1900	.7	.318	.218	.310	.298				24.70	57.00	4.38	.90	722.
77 [illegible]	1900	.7	.386	.278	.350	.402				18.00	56.80	3.68	.80	727.
77 6 14	1900	.6	.392	.243	.340	.434				21.20	57.80	3.83	.90	726.
77 6 15	1900	.8	.365	.250	.380	.308				22.70	55.60	3.79	.90	659.
77 6 16	1900	1.6	.219	.134	.130	.231				26.60	53.60	5.20	1.20	694.
77 6 17	1300	2.7	.204	.092	.430	.352				24.20	56.30	5.96	1.10	730.
77 6 18	1300	1.7	.204	.070	.070	.272				19.30	61.30	4.81	1.20	732.
77 6 19	1300	1.6	.208	.058	.070	.194				23.50	59.90	4.90	1.20	723.
77 6 20	1300	1.3	.209	.046	.030	.197				15.10	55.90	4.88	1.10	715.
77 6 24	1900	4.0	.487	.159	14.700	.244				78.90	54.60	8.13	9.48	659.
77 7 1	1300	10.9	.277	.041	1.490	.104				136.00	42.00	6.35	5.90	604.
77 7 1	700	140.9	.485	.048	17.100	.087				304.00	39.60	9.17	13.40	656.

SANDUSKY RIVER
NEAR
FREMONT, OHIO

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
74 12 7	1100	338.	.217	.095	3.250					12.00				755.
74 12 7	1700	375.	.147	.090	4.350					10.20				761.
74 12 7	2300	398.	.157	.115	4.200					58.00				762.
74 12 8	500	412.	.155	.125	4.350					10.90				763.
74 12 8	1100	437.	.167	.120	4.150					58.90				772.
74 12 8	1700	454.	.173	.125	4.050					6.75				770.
74 12 8	2300	496.	.163	.130	4.200					7.75				768.
74 12 9	500	610.	.211	.150	4.250					14.10				774.
74 12 9	1100	872.	.220	.125	4.600					51.10				753.
74 12 9	1700	1200.	.300	.090	5.550					102.00				695.
74 12 9	2300	1826.	.373	.095	5.800					128.00				694.
74 12 10	500	2371.	.345											580.
74 12 10	1100	2736.	.290	.075	6.950					105.00				580.
74 12 10	1700	2868.	.235											
74 12 10	2300	2802.	.240											
74 12 11	500	2539.	.167											
74 12 11	1100	2245.	.245											
74 12 11	1700	1960.	.178											
74 12 11	2300	1660.	.235											
74 12 12	500	1485.	.183	.085	8.000					33.70				1180.
74 12 12	1100	1340.	.187	.080	7.100					98.50				629.
74 12 12	1700	1240.	.190	.080	7.350					58.80				481.
74 12 12	2300	1320.	.225	.087	7.050					68.50				495.
74 12 13	500	1553.	.219	.090	6.900					58.60				509.
74 12 13	1100	1990.	.207	.085	7.050					68.00				526.
74 12 13	1700	2266.	.209	.090	7.500					65.20				513.
74 12 13	2300	2434.	.207	.075	6.950					63.40				497.
74 12 14	500	2626.	.193		7.050					66.50				501.
74 12 14	1100	2868.		.095	7.400	.220				91.50		7.65		503.
74 12 14	1700	3046.		.080	7.300	.240				100.00		7.70		470.
74 12 14	2300	3184.		.075	7.900	.080				117.00		8.10		503.
74 12 15	500	3276.		.080	8.200	.060				105.00		9.30		500.
74 12 15	1100	3484.		.075	8.300	.090				110.00		8.40		495.
74 12 15	1700	3796.		.070	8.700	.060				120.00		8.60		484.
74 12 15	2300	4115.		.070	8.800	.080				139.00		9.00		479.
74 12 16	500	4674.		.070	9.100	.080				191.00		8.50		475.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
74	12	16	1100	5584.		.060	9.400	.070				233.00		8.40		
74	12	16	1700	6351.		.060	9.200	.080				338.00		7.90		
74	12	16	2300	6864.		.055	9.100	.080				360.00		8.20		432.
74	12	17	500	6972.		.050	9.000	.310				230.00		7.80		420.
74	12	17	1100	6702.		.060	8.800	.070				282.00		7.90		407.
74	12	17	1700	6324.		.060	8.900	.140				242.00		8.50		404.
74	12	17	2300	6000.		.060	9.000	.160				303.00		8.20		407.
74	12	18	500	5714.		.065	8.800	.180				174.00		8.00		409.
74	12	18	1100	5376.		.060	8.600	.040				126.00		8.10		410.
74	12	18	1700	4934.		.070	8.700	.060				136.00		8.90		408.
74	12	19	1100	3556.		.060	8.500	.060				70.60		8.20		422.
74	12	19	1700	3184.	.228	.080	7.600					90.30		9.00		412.
74	12	19	2300	2824.	.190	.070	9.100					57.20		9.80		462.
74	12	20	500	2497.	.160	.080	8.800					74.70		9.20		447.
74	12	20	1100	2140.	.118	.070	9.400					49.30		9.40		483.
74	12	20	2300	1606.	.122	.075	9.000					47.90		9.10		500.
74	12	21	500	1417.	.125	.085	8.800					32.30		9.80		553.
74	12	21	1100	1290.	.137	.080	4.400							10.50		610.
74	12	21	1700	1180.	.129	.075	7.800					28.90		9.00		555.
74	12	21	1700	1180.										9.30		
74	12	21	2300	1100.	.114	.085	8.400							10.40		635.
74	12	22	500	1020.	.087	.080	10.000					17.50		8.60		561.
74	12	22	1100	950.	.084	.075	6.900					28.80		9.10		567.
74	12	22	1700	885.	.076	.070	6.800					36.20		9.80		566.
74	12	22	2300	833.		.085	6.500					28.60		8.70		625.
74	12	23	500	786.	.100	.095	6.900					25.50		10.00		644.
74	12	23	1100	740.		.090	7.100					22.80		9.30		647.
74	12	23	1700	716.	.110	.100	7.000					30.10		9.10		623.
74	12	23	2300	728.	.137	.095	6.500					63.30		8.20		523.
74	12	24	500	911.	.190	.090	6.300					113.00		7.70		464.
74	12	24	1100	1807.	.228	.080	6.100					136.00		7.50		404.
74	12	24	1700	3772.	.369	.090	6.200					214.00		7.00		381.
74	12	24	2300	5818.	.296	.080	6.400					174.00		7.00		467.
75	1	3	1600	2455.	.241	.030	4.300	.060				108.00	29.00	7.00		516.
75	1	3	2200	2000.	.178	.050	6.400	.080				58.90	35.00	7.00		526.
75	1	4	400	1960.	.125	.040	6.500	.060				41.10	34.00	7.10		

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
75	1	4	1000	1570.	.134	.050	6.600	.070				45.70	37.00	7.20		548.
75	1	4	1600	1606.	.143	.050	6.500	.080				34.20	39.50	7.20		568.
75	1	4	2200	1320.	.116	.030	6.100	.060				25.30	40.00	7.00		574.
75	1	5	400	1380.	.107	.040	6.200	.070				25.70	42.00	7.20		586.
75	1	5	1000	1300.		.050	6.100	.080				25.10	44.00	7.20		606.
75	1	5	1600	1240.	.080	.050	6.000	.070				17.80	44.00	7.20		617.
75	1	5	2200	1050.	.098	.050	6.000	.070				17.70	44.00	7.20		623.
75	1	6	400	1030.	.085	.050	6.000	.070				18.30	45.00	7.30		633.
75	1	6	1000	1010.	.080	.040	6.000	.070				13.70	45.00	7.40		640.
75	1	6	1600	950.	.089	.060	5.900	.080				16.70	45.00	7.30		646.
75	1	6	2200	1050.	.098	.060	5.900	.080				13.30	46.00	7.40		654.
75	1	7	400	978.	.107	.050	5.800	.050				22.00	51.00	7.20		653.
75	1	7	1000	797.	.187	.060	5.900	.080				43.00	51.00	6.60		644.
75	1	7	1600	762.	.179	.050	6.000	.080				66.20	48.00	6.60		628.
75	1	7	2200	740.	.232	.040	5.800	.080				113.00	42.00	6.60		583.
75	1	8	400	762.	.446	.050	5.200	.100				264.00	35.00	6.40		478.
75	1	8	1000	7512.	.491	.050	4.800	.080				306.00		6.00		428.
75	1	11	1200	8628.	.510	.070	5.200					238.00	20.00	7.30		334.
75	1	11	1600	8712.	.520	.067	5.100				19.00	280.00	19.00	7.30		339.
75	1	11	1800	8712.	.520	.072	5.100					312.00		7.50		
75	1	11	2200	8488.	.510	.067	5.100				19.00	288.00	18.00	7.50		341.
75	1	11	2400	8348.	.510	.068	5.200					315.00		7.60		
75	1	12	400	8068.	.500	.070	5.200				30.00	257.00	18.00	7.80		336.
75	1	12	600	7872.	.500	.062	5.200					290.00		7.90		
75	1	12	1000	7593.	.480	.067	5.200				43.00	226.00	17.50	8.30		346.
75	1	12	1200	7404.	.47	.065	5.200					260.00		7.90		
75	1	12	1600	7107.	.47	.072	5.300					206.00	17.00	7.90		348.
75	1	12	1800	6799.	.490	.065	5.200					239.00		7.90		
75	1	12	2200	6702.	.460	.075	5.300					188.00	18.00	8.10		358.
75	1	12	2400	6540.	.470	.067	5.200					223.00		8.00		
75	1	14	1700	2518.	.280	.070	5.600	.060				88.00	20.00	8.30		428.
75	1	15	930	1502.	.280	.080	5.800	.090				106.00	21.00	8.50		467.
75	1	29	1030	1696.	.340	.135	3.830	.330				73.80	24.00			477.
75	1	29	1630	3460.	.440	.112	4.050	.281				157.00	24.00			481.
75	1	29	2245	5766.	.670	.120	3.850	.251				382.00	21.00			425.
75	1	30	430	7242.	.760	.110	3.670	.761				463.00	17.00			380.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
75	1	30	1030	7485.	.760	.132	3.710	.300				459.00	16.00			347.
75	1	30	1630	7053.	.740	.092	3.900	.243				503.00	15.00			331.
75	1	30	2230	6621.	.740	.080	4.090	.225				486.00	14.50			328.
75	1	31	430	6486.	.760	.113	3.970	.215				498.00	15.00			319.
75	1	31	1030	6432.	.660	.097	4.120	.175				413.00	15.00			320.
75	1	31	1630	6432.	.630	.092	4.030	.387				358.00	14.00			318.
75	1	31	2230	6405.	.620	.085	3.920	.145				348.00	13.50			311.
75	2	1	430	6297.	.600	.067	3.870	.145				319.00	13.00			311.
75	2	1	1030	6000.	.570	.090	3.910	.133				288.00	13.00			320.
75	2	1	1630	5584.	.520	.087	4.380	.118				241.00	13.00			330.
75	2	1	2230	5012.	.470	.097	4.550	.143				171.00	14.00			344.
75	2	2	430	4390.	.430	.085	4.880	.128				141.00	14.50			356.
75	2	2	1030	3772.	.380	.065	5.020	.120				114.00	15.00			372.
75	2	2	1630	3207.	.360	.087	5.150	.123				125.00	16.00			394.
75	2	2	2230	2714.	.330	.082	5.510	.098				87.40	17.00			413.
75	2	3	430	2308.	.300	.090	5.400	.093				96.10	17.00			427.
75	2	3	1030	1980.	.280	.080	5.580	.083				74.20	18.00			446.
75	2	3	1630	1750.	.240	.048	5.650	.068				58.10	18.00			459.
75	2	3	2230	1606.	.240	.095	5.610	.083				54.00	19.00			476.
75	2	4	430	1468.	.230	.092	5.850	.081				53.70	19.00			491.
75	2	4	1030	1350.	.210	.092	5.700	.078				31.60	20.00			512.
75	2	4	1630	1270.	.210	.075	5.720	.122				37.80	20.50			533.
75	2	4	2230	1200.		.279	5.220	.182				67.30	18.00			
75	2	5	430	1100.	.180	.095	5.570	.082				33.60	20.50			542.
75	2	18	1600	6189.	.430	.090	5.300	.315				279.00	31.80			481.
75	2	18	2200	6189.	.450	.090	6.200	.395		1.100	32.00	247.00	29.00			431.
75	2	19	400	6000.	.370	.080	7.000	.218				193.00	23.30			394.
75	2	19	1000	5922.	.340	.060	6.900	.162				148.00	22.90			388.
75	2	19	1600	5870.	.380	.060	6.800	.125				147.00	21.50			383.
75	2	19	2200	5792.	.240	.050	6.700	.080		.700			21.00			381.
75	2	20	400	5584.	.240	.060	6.800	.110				104.00	21.20			386.
75	2	20	1600	4726.	.190	.050	7.100	.100				72.00	21.30			401.
75	2	20	2200	4215.	.200	.060	7.300	.105				90.50	21.70			413.
75	2	21	400	3796.	.200	.050	7.400	.115				91.10	22.00			425.
75	2	21	1000	3437.	.160	.050	7.300	.055					22.30			433.
75	2	22	2200	1788.	.280	.080	7.000	.067				158.00	29.00			525.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
75	2	23	1500	8544.	.790	.070	6.100	.257								
75	2	23	1530	8852.	.840	.060	6.100					637.00	24.00			418.
75	2	23	1600	9132.	.820	.070	6.100	.132				651.00	23.30			413.
75	2	23	1630	9358.	.890	.070	6.000	.120				725.00	23.30			407.
75	2	23	1700	9590.	.940	.060	5.900	.113		.700	37.00	734.00	22.90			402.
75	2	23	1730	9851.	.910	.070	5.900	.160				709.00	22.80			399.
75	2	23	1800	10112.	.890	.070	5.900	.220				746.00	22.30			398.
75	2	23	1830	10344.	.900	.070	5.800	.217				699.00	22.00			395.
75	2	23	1900	10576.	.920	.080	5.700	.110				644.00	21.80			391.
75	2	24	800	14830.	1.130	.075	4.840	.072				734.00	21.50			988.
75	2	24	1030	15584.						.500	43.00	850.00	19.00			509.
75	2	24	1630	16446.						1.000	44.00					
75	2	25	430	17296.						.600	17.00					
75	2	25	1030	16310.						.500	37.00					
75	2	25	1500	15650.	.601	.040	1.920	.096				384.00	18.00			286.
75	2	25	1630	15485.						.500	39.00					
75	2	25	1800	15518.	1.060	.062	4.240	.076				760.00	16.00			262.
75	2	25	2230	15353.						.500	38.00					
75	2	25	2400	15419.	.925	.052	4.200	.095				595.00	16.00			261.
75	2	26	430	15518.						.600	39.00					
75	2	26	600	15485.	1.050	.068	3.980	.123				708.00	15.00			253.
75	2	26	1030	15716.						.500	22.00					
75	2	26	1200	15716.	1.030	.070	3.860	.110				639.00	15.00			252.
75	2	26	1630	15584.						.500	24.00					
75	2	26	1800	15386.	.828	.053	3.760	.104				513.00	15.00			250.
75	2	26	2230	15122.						.700	22.00					
75	2	26	2400	14894.	.883	.074	3.760	.120				554.00	16.00			255.
75	2	27	430	14126.						.900	39.00					
75	2	27	600	13937.	.784	.066	3.780	.126				477.00	16.00			259.
75	2	27	1030	12770.						.600	33.00					
75	2	27	1200	12320.	.609	.061	3.800	.079				290.00	16.00			267.
75	2	27	1800	10112.	.645	.077	4.020	.109				368.00	17.00			283.
75	2	27	2400	8208.	.622	.074	4.260	.106				314.00	18.00			303.
75	2	28	600	6864.	.483	.071	4.300	.075				207.00	19.00			319.
75	2	28	1200	5688.	.506	.082	4.560	.093				205.00	21.00			349.
75	3	1	1400	2350.	.360	.063	4.580	.095				154.00	21.70			380.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO

USGS NO. 04198000

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
75 3 1	2000	2120.	.345	.062	4.780	.070				158.00	26.70			429.
75 3 2	200	1883.	.275	.064	4.520	.055				105.00	27.50			436.
75 3 2	800	1732.	.305	.069	4.760	.081				123.00	29.00			457.
75 3 2	1400	1624.	.290	.068	4.660	.070				111.00	29.50			474.
75 3 2	2000	1502.	.235	.059	4.480	.045				87.40	29.50			481.
75 3 3	200	1502.	.255	.065	4.580	.067				86.80	31.00			493.
75 3 3	800	1290.	.265	.068	4.540	.069				98.70	31.30			503.
75 3 3	1400	1220.	.230	.065	4.440	.048				84.40	30.90			506.
75 3 3	2000	1140.	.235	.065	4.460	.057				66.30	31.00			523.
75 3 4	200	1080.	.220	.063	4.480	.056				83.20	32.00			534.
75 3 4	1400	964.	.200	.065	4.500	.049				66.60	31.80			537.
75 3 4	2000	911.	.220	.067	4.400	.083				48.40	32.50			551.
75 3 5	200	859.	.185	.060	4.460	.063				38.50	31.90			558.
75 3 5	800	808.	.195	.065	4.380	.079				60.70	33.00			571.
75 3 5	1400	786.	.200	.074	4.460	.084				58.90	35.00			584.
75 3 5	2000	740.	.180	.067	4.380	.070				32.70	34.50			586.
75 3 6	200	716.	.180	.066	4.320	.084				37.10	35.50			602.
75 3 6	800	684.	.180	.066	4.440	.087				50.10	36.20			602.
75 3 6	1400	663.	.155	.053	4.180	.071				40.00	35.90			606.
75 3 6	2000	642.	.170	.062	4.220	.030				43.70	36.10			613.
75 3 7	200	621.	.155	.062	4.340	.094				37.50	36.50			620.
75 3 7	800	632.	.140	.054	4.160	.064				32.80	36.10			622.
75 3 7	1400	705.	.170	.064	4.600	.077				40.90	43.00			634.
75 3 7	2000	898.	.185	.078	5.040	.097				46.30	44.00			637.
75 3 8	200	1400.	.150	.057	4.780	.066				44.50	41.70			635.
75 3 8	800	2626.	.210	.070	5.000	.092				80.60	42.20			627.
75 3 10	1530	2203.	.530	.065	5.040	.221				302.00	26.00	11.50		505.
75 3 10	2130	1960.	.330	.060	5.300	.163				142.00	25.00	13.00		481.
75 3 11	330	1732.	.360	.060	5.400	.179				113.00	27.80	6.30		485.
75 3 11	930	1570.	.340	.068	5.480	.182				136.00	28.00	5.63		496.
75 3 11	1530	1451.	.250	.052	5.490	.135				77.00	28.50	14.10		514.
75 3 12	1530	1240.	.220	.064	5.600	.128				66.80	29.50	15.60		556.
75 3 13	1530	1588.	.170	.063	5.350	.091				54.00	32.00	13.80		596.
75 3 14	1530	2140.	.140	.050	5.140	.060				39.20	30.00	7.02		598.
75 3 15	1530	1750.	.210	.070	5.540	.107				75.70	31.00	11.30		555.
75 3 16	1530	1270.	.220	.065	5.640	.105				79.60	33.00	11.90		543.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
75	3	17	930	1260.	.180	.067	5.660	.102				49.40	33.00	13.60		568.
75	3	18	900	1570.	.213	.039	5.090	.129				64.00	42.00	8.09		589.
75	3	19	900	2539.	.190	.051	4.990	.221				69.20	53.00	7.94		600.
75	3	2.	900	3115.	.210	.050	5.210	.077				97.00	40.00	7.69		487.
75	3	21	900	2392.	.175	.042	4.820	.082				52.90	40.00	7.64		474.
75	3	22	900	1678.	.160	.034	5.000	.069				42.60	40.00	8.01		492.
75	3	23	900	1200.	.140	.039	4.850	.076				33.10	43.00	7.56		534.
75	3	23	2100	1030.	.130	.042	4.790	.069				26.90	45.00	8.36		550.
75	3	24	330	992.		.049	4.590	.084				35.30	46.00	7.72		560.
75	3	24	900	978.	.130	.048	4.550	.062				25.00	45.00	8.20		557.
75	3	24	1500	1150.	.130	.058	4.690	.052				40.00	45.00	8.18		567.
75	3	24	1900	1750.	.210	.070	4.700	.110				94.70	38.50	9.40		564.
75	3	25	700	5480.	.507	.080	4.400	.100				327.00	38.00	9.20		545.
75	3	25	1300	5350.	.598	.070	4.200	.100				387.00	35.50	9.20		513.
75	3	26	100	4190.	.906	.080	4.100	.180				873.00	30.00	7.70		394.
75	3	26	700	3724.	1.120	.085	4.600	.170				870.00	27.50	9.80		368.
75	3	26	1300	3253.	.941	.080	4.600	.150				738.00	27.50	10.10		372.
75	3	26	1900	2934.	.906	.065	4.600	.150				786.00	27.50	10.20		389.
75	3	27	100	2626.	.932	.065	4.500	.140				795.00	27.00	10.20		392.
75	3	28	100	1588.	.803	.045	4.100	.180				350.00	29.00	8.10		420.
75	3	28	700	1350.	.774	.065	4.200	.150				263.00	29.50	9.00		423.
75	3	28	1300	1200.	.671	.070	4.300	.180				496.00	29.50	10.30		435.
75	3	28	1900	1080.	.728	.075	4.100	.140				404.00	31.00	10.50		445.
75	3	29	100	1020.	.637	.075	4.200	.130					34.00	10.00		459.
75	3	29	700	1020.	.457	.075	4.000	.150				283.00	34.50	10.20		478.
75	3	29	1300	1160.	.395	.080	4.400	.140				209.00	43.00	10.20		525.
75	3	29	1900	1283.	.353	.090	4.800	.140				174.00	43.00	9.00		547.
75	3	30	100	3796.	.287	.080	4.500	.110				141.00	41.00	8.90		557.
75	3	30	700	4648.	.306	.085	4.800	.160				189.00	41.00	9.70		555.
75	3	30	1300	4674.	.509	.085	4.800	.190				343.00	38.00	9.00		510.
75	3	30	1900	4440.	.666	.085	5.100	.170				447.00	34.50	8.50		466.
75	3	31	100	4240.	.715	.090	5.000	.160				484.00	34.00	8.20		433.
75	4	1	1700	2392.	.392	.060	5.590	.180				297.00	40.00			414.
75	4	1	2300	2080.	.352	.050	5.400	.165				267.00	40.00			420.
75	4	2	500	1732.	.283	.050	5.550	.120				220.00	41.00			428.
75	4	2	1100	1485.	.274	.050	5.500	.115				199.00	41.00			444.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION #/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR	MO	DY	TIME 24 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
75	4	2	1700	1290.	.214	.045	5.500	.085				170.00	44.00			461.
75	4	2	2300	1160.	.186	.040	5.510	.095				155.00	46.00			479.
75	4	3	500	1100.	.157	.045	5.300	.095				133.00	51.00			499.
75	4	3	1100	1050.	.166	.050	5.300	.090				127.00	55.00			518.
75	4	3	1700	1010.	.143	.050	5.200	.085				115.00	57.00			535.
75	4	3	2300	978.		.045	5.320	.090				96.70	56.00			549.
75	4	4	2300	846.	.071	.040	4.800	.070				66.40	64.00			597.
75	4	5	2300	728.	.071	.030	4.650	.060				54.80	67.00			626.
75	4	6	2300	642.	.064	.045	4.380	.045				40.10	73.00			644.
75	4	7	2300	581.	.071	.040	4.100	.030				36.10	76.00			661.
75	4	8	1230	543.	.120	.090	3.600					41.10	43.00			665.
75	4	8	200	514.	.100	.100	3.650					38.00	42.00			679.
75	4	15	1900	312.	.085	.030	2.100	.060				25.90	60.00			674.
75	4	16	1900	299.	.085	.015	1.750	.180				20.60	60.00	4.40		669.
75	4	17	1900	286.	.075	.005	1.700	.130				26.70	61.00	4.60		671.
75	4	18	1900	279.	.090	.005	1.700	.155				21.70	65.00	4.75		688.
75	4	19	1500	312.	.105	.010	1.650	.090				27.50	68.00	4.70		694.
75	4	20	1500	299.	.120	.010	1.700	.070				26.90	71.00	6.00		716.
75	4	21	1900	292.	.110	.010	1.500	.090				20.80	70.00	5.30		715.
75	4	22	1800	286.	.095	.040	1.800	.210				22.30	62.50	5.50		713.
75	4	23	1000	267.	.127	.040	1.700	.310				44.10	61.00	5.90		720.
75	4	24	1000	299.	.133	.020	1.700	.190				47.10	650.00	5.70		733.
75	4	25	1000	454.	.122	.020	1.800	.135				56.00	67.00	6.20		745.
75	4	26	1000	684.	.296	.010	1.800	.100				165.00	63.00	5.30		745.
75	4	27	1000	716.	.323	.010	1.500	.065				224.00	62.00	5.80		733.
75	4	28	1000	543.	.169	.010	2.200	.035				94.90	70.00	5.60		722.
75	4	29	400	480.	.159	.010	2.000	.030				91.70	64.00	7.80		724.
75	4	29	900	543.		.049	2.200	.061				66.10		6.80		734.
75	4	30	900	514.		.063	2.400	.063				127.00		5.00		724.
75	5	1	900	572.		.049	2.000	.050				168.00		3.00		717.
75	5	2	900	642.		.030	1.900	.102				119.00		2.40		699.
75	5	3	900	562.		.027	1.800	.135				83.00		3.60		706.
75	5	4	900	505.		.027	1.500	.112				97.60		3.20		710.
75	5	5	900	454.		.032	1.600	.093				83.70		4.20		703.
75	5	6	300	471.		.030	1.400	.107				194.00		5.80		678.
75	5	6	1700	924.	.152	.047	2.580	.009				49.20	42.00	7.66		666.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
75	5	7	1700	2455.	.235	.081	5.410	.113				87.90	29.50	8.14		575.
75	5	4	1700	1732.	.252	.091	6.760	.012				92.10	27.00	11.90		521.
75	5	5	1700	1030.	.178	.060	5.310	.020				45.20	30.00	11.70		576.
75	5	9	1700	705.	.145	.052	5.020	.042				30.20	31.00	10.40		571.
75	5	10	1700	534.	.116	.040	4.340	.042				11.00	34.00	10.40		593.
75	5	11	1700	471.	.109	.029	3.790	.043				20.20	34.00	10.00		611.
75	5	15	930	368.		.012	2.450	.592				14.10	46.00	5.55		656.
75	5	16	930	345.		.022	2.270	.139				14.80	49.00	4.62		678.
75	5	17	930	332.		.025	1.920	.112				11.50	51.00	3.44		701.
75	5	18	930	338.		.013	1.680	.088				7.50	51.00	5.14		707.
75	5	19	930	312.			1.290	.106				9.70	52.00	1.95		712.
75	5	27	945	642.	2.180	.040	.050	.175				2671.00	56.00	13.40		555.
75	5	27	1545	524.	1.270	.066	.470	.217				942.00	48.00	15.30		556.
75	5	27	2145	471.	.895	.050	.120	.320				538.00	54.00	15.40		606.
75	5	28	345	524.	1.350	.055	.180	.640				996.00	59.00	16.40		656.
75	5	28	945	674.	1.290	.400	.060	.510				1073.00	59.00	14.60		654.
75	5	28	1545	859.	.776	.038	.100	.600				460.00	61.00	13.30		683.
75	5	28	2145	937.	.557	.067	.100	.751				264.00	63.00	13.80		724.
75	5	29	345	924.	.626	.062	.100	.848				344.00	64.00	12.90		719.
75	5	29	945	846.	.560	.057	.050	.724				241.00	64.00	12.00		693.
75	5	29	1545	652.	.635	.067	.040	.934				235.00	65.00	13.30		694.
75	5	29	2145	552.	.599	.058	.030	.920				224.00	75.00	12.50		706.
75	5	3	345	480.	.784	.060	.020	1.050				310.00	77.00	13.00		732.
75	5	3	945	420.	.704	.049	.010	1.020				235.00	78.00	12.50		735.
75	5	3	1545	382.	.678	.040		.918				226.00	75.00	12.10		742.
75	5	3	2145	452.	.700	.040		.780				274.00	75.00	10.80		734.
75	5	31	345	325.	1.010	.050		.780				537.00	73.00	11.20		736.
75	5	31	945	299.	.734	.032		.620				358.00	72.00	10.30		723.
75	5	31	1545	279.	.657	.025		.590				290.00	72.00	10.20		711.
75	5	31	2145	279.	.657	.018		.327				280.00	72.00	8.90		715.
75	6	1	345	267.	2.020	.060		1.360				1597.00	83.00	11.00		771.
75	6	1	945	267.	.914	.020		1.160				287.00	82.00	11.40		779.
75	6	1	1545	255.	.887	.036	.020	1.400				375.00	83.00	11.20		776.
75	6	1	2145	237.	.826	.039	.020	1.600				323.00	81.00	12.10		778.
75	6	2	345	225.	1.030	.040		1.380				499.00	79.00	11.80		752.
75	6	2	945	213.	.784	.015	.450	1.240				350.00	76.00	14.50		612.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR MO DY	TIME 24 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
75 6 [illegible]	1[illegible]	213.	.673	.055	.048	.922				326.00	49.00	14.50		667.
75 6 2 1600		219.	.987	.056	.027	.107				456.00	42.00	13.60		667.
75 6 2 2200		237.	.863	.055	.027	.836				437.00	45.00	15.00		696.
75 6 3 [illegible]		286.	.867	.040	.023	.107				726.00	49.00	15.20		747.
75 6 3 1000		368.	.824	.064	.020	.135				391.00	53.00	14.60		749.
75 6 3 1600		375.	.931	.040	.025	.131				524.00	52.00	14.90		704.
75 6 3 2200		375.	.785	.040	.020	.984				469.00	45.00	12.50		690.
75 6 4 [illegible]		368.	.819	.040	.015	.740				438.00	43.00	15.20		691.
75 6 4 1000		368.	.926	.040	.015	.685				303.00	43.00	16.10		712.
75 6 4 1600		375.	.770	.055	.013	.515				524.00	44.00	15.40		699.
75 6 4 2200		398.	.629	.055	6.300	.062				390.00	44.00	14.70		660.
75 6 5 [illegible]		428.	.479	.060	7.620	.034				673.00	44.00	15.10		667.
75 6 5 1000		488.	.954	.106	7.040	.038				765.00	42.00	15.30		627.
75 6 5 1600		542.	1.490	.060	1.200	.748				2975.00	51.00	15.40		665.
75 6 5 2200		684.	1.500	.060	1.700	.551				3359.00	49.00	14.80		639.
75 6 6 [illegible]		716.	1.430	.058	1.700	.455				1671.00	48.00	15.40		650.
75 6 6 1000		833.	.736	.063	6.900	.080				409.00	38.00	15.80		644.
75 6 6 1600		937.	1.090	.028	5.490	.069				1017.00	36.00	14.60		605.
75 6 6 2200		885.	1.250	.040	5.520	.164				1326.00	36.00	14.00		602.
75 6 7 [illegible]		820.	.692	.070	6.420	.040				427.00	34.00	13.70		595.
75 6 7 1000		762.	.585	.060	6.300	.036				379.00	34.00	14.30		579.
75 6 7 1600		694.	.604	.067	5.400	.035				424.00	36.00	14.20		615.
75 6 7 2200		632.	.532	.063	6.100	.030				356.00	35.00	14.20		573.
75 6 8 [illegible]		581.	.585	.060	6.270	.030				369.00	36.00	14.70		659.
75 6 8 1000		534.	.595	.060	6.220	.025				408.00	37.00	12.20		659.
75 6 8 1600		505.	.444	.067	6.600	.020				292.00	36.00	14.00		642.
75 6 8 2200		488.	.375	.062	6.700	.030				200.00	37.00	15.20		603.
75 6 9 [illegible]		462.	.697	.070	6.140	.025				483.00	38.00	15.40		521.
75 6 9 1000		428.	.362	.073	7.710	.035				292.00	40.50	14.50		619.
75 6 9 1600		390.	.984	.075	5.020	.038				1311.00	44.00	14.00		622.
75 6 9 2200		352.	.403	.100	8.310	.039				344.00	46.20	14.50		644.
75 6 10 [illegible]		325.	.417	.087	8.200	.036				248.00	47.50	14.80		657.
75 6 10 1000		299.	.408	.109	8.000	.061				334.00	48.00	14.40		648.
75 6 10 1600		273.	.440	.125	7.160	.070				211.00	49.00	13.90		653.
75 6 10 2200		255.	.366	.080	7.110	.066				191.00	50.00	13.90		658.
75 6 11 [illegible]		237.	.389	.082	6.990	.038				187.00	50.80	14.00		697.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
75	6	11	1000	219.	.348	.077	6.580	.055				142.00	51.50	13.60		696.
75	6	11	1600	219.	.348	.072	6.090	.060				138.00	58.00	13.20		693.
75	6	11	2200	213.	.403	.073	6.020	.066				180.00	57.80	13.00		712.
75	6	12	400	208.	.366	.073	5.920	.087				145.00	58.00	13.50		736.
75	6	12	1000	202.	.261	.068	5.680	.155				78.40	58.00	13.30		720.
75	6	12	1600	197.	.247	.046	4.950	.174				75.90	58.20	12.70		720.
75	6	12	2200	191.	.229	.051	5.000	.175				67.70	59.00	13.00		739.
75	6	13	400	185.	.223	.057	4.860	.110				65.90	59.20	12.90		757.
75	6	13	1000	180.	.224	.058	4.370	.150				69.50	59.80	11.80		738.
75	6	13	1600	169.	.234	.033	3.690	.163				75.90	59.80	10.80		711.
75	6	13	2200	163.	.220	.024	3.590	.191				68.90	60.50	11.20		715.
75	6	14	400	158.	.229	.035	3.600	.164				65.60	60.00	10.10		747.
75	6	14	1000	153.	.266	.058	3.400	.156				62.90	60.00	11.30		727.
75	6	14	1600	148.	.224	.024	3.080	.079				77.30	60.50	10.90		698.
75	6	14	2200	148.	.215	.017	2.880	.100				71.40	61.00	9.60		702.
75	6	15	400	163.	.227	.017	2.940	.047				72.30	62.50	10.80		721.
75	6	15	1000	191.	.261	.021	3.040	.020				81.50	61.00	11.00		716.
75	6	15	1600	249.	.344	.040	2.900	.020				120.00	61.50	10.80		700.
75	6	15	2200	299.	.311	.030	3.390	.018				129.00	62.80	11.20		713.
75	6	16	400	437.	.357	.063	4.330	.020				163.00	62.00	11.80		717.
75	6	16	1000	524.	.312	.078	7.850	.060				146.00	33.10	15.20		682.
75	6	23	1030	390.	.915	.095	7.250	.020				145.00	36.10	14.60		643.
75	6	24	1030	338.	.362	.081	5.400	.017				156.00	35.40	12.80		585.
75	6	25	1030	632.	.940	.068	3.850	.037				758.00	18.70	13.40		389.
75	6	26	1030	273.	.296	.081	5.430	.023				172.00	27.30	14.00		558.
75	6	27	1030	273.	.273	.080	5.530	.019				146.00	30.00	20.80		587.
75	6	28	1030	180.	.315	.060	4.750	.017				285.00	30.20	14.50		567.
75	6	29	1030	138.	.226	.054	4.150	.015				100.00	37.50	13.60		608.
75	6	30	430	123.	.226	.051	3.880	.012				111.00	38.10	12.50		656.
75	6	30	1030	113.	.140	.042	4.100	.020				71.70	45.50	17.60		627.
75	7	1	1030	92.	.164	.064	3.660	.018				65.90	40.90	20.20		608.
75	7	2	1030	86.	.116	.046	3.170	.012				58.50	39.70	18.30		591.
75	7	3	1030	68.	.140	.058	3.130	.038				49.00	39.00	19.20		592.
75	7	4	1030	68.	.144	.063	2.780					48.90	43.20	16.60		599.
75	7	5	1030	68.	.128	.021	1.810					40.00	49.80	10.70		601.
75	7	6	1030	72.	.140	.009	.799	.028				47.30	49.90	7.24		549.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR MO DY	TIME 24 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO+2 NO+3 MG/L	NH+3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
75 7 7	0[illegible]	55.		.009	.460					46.30	50.80	7.58		576.
75 7 7	04[illegible]	55.	.150	.025	.500	.080				36.60	53.00	6.60		581.
75 7 8	04[illegible]	55.	.200	.040	.400	.050				94.10	51.50	6.80		569.
75 7 9	04[illegible]	72.	.160	.030	.280	.073				47.20	50.50	5.90		583.
75 7 10	04[illegible]	55.	.132	.050	.480	.135				35.00	58.00	7.70		622.
75 7 11	04[illegible]	49.	.140	.045	.680	.115				50.10	54.00	8.50		598.
75 7 12	04[illegible]	40.	.132	.040	.600	.080				37.00	57.50	8.20		644.
75 7 13	04[illegible]	46.	.132	.035		.027				32.90	57.50	10.50		654.
75 7 14	045	49.	.156	.030		.035				53.30		7.60		691.
75 7 14	1100	52.	.164	.070	.750	.310				24.80	64.00			643.
75 7 14	2300	52.	.124	.025	.630	.270				33.80	63.50			671.
75 7 15	1100	58.	.140	.030	.500	.280				30.90	63.50			669.
75 7 15	2300	72.	.134	.015	.230	.223				47.40	61.80			654.
75 7 16	1100	86.	.152	.020	.100	.238				47.80	60.50			651.
75 7 16	2300	82.	.168	.015	.100	.195				80.50	62.10			667.
75 7 17	1100	82.	.160	.020	.100	.238				47.00	61.80			661.
75 7 17	23[illegible]	113.	.200	.[illegible]10	.030	.172				105.00	65.20			681.
75 7 18	11[illegible]	133.	.168	.035		.100				58.80	60.80			691.
75 7 18	23[illegible]	100.	.196	.010		.070				95.30	62.00			709.
75 7 19	11[illegible]	92.	.136	.010		.075				31.20	62.70			693.
75 7 19	23[illegible]	86.	.144	.005		.020				48.60	62.20			711.
75 7 20	11[illegible]	78.	.156	.010		.038				41.90	65.10			718.
75 7 21	0[illegible]	74.	.320	.110	.030	.335				155.00				
75 7 21	23[illegible]	75.	.144	.010		.020				41.90	62.40			718.
75 7 21	1115	78.	.224	.027		.075				119.00	52.00	.51		762.
75 7 22	1115	82.	.156	.029		.095				50.30	56.00	.47		772.
75 7 23	1115	66.	.328	.021		.072				192.00	57.00	.66		758.
75 7 24	1115	92.	.256	.035		.178				129.00	51.00	.65		722.
75 7 25	1115	68.	.188	.064		.075				66.60	52.00	.87		734.
75 7 26	1115	55.	.140	.028		.035				50.60	56.00	1.09		753.
75 7 27	1115	46.	.172	.051		.039				51.70	60.00	1.27		747.
75 7 28	0[illegible]	40.	.204	.135		.065				65.70	76.00	1.58		729.
75 7 29	1045	40.	.392	.210	.050	.230				35.40	84.00	4.16		859.
75 7 30	1045	34.	.328	.150	.030	.088				48.30	66.00	4.72		748.
75 7 31	1045	28.	.276	.122	.020	.148				44.90	74.00	4.42		755.
75 7 31	1045	26.	.248	.095	.020	.090				45.90	78.00	5.36		767.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR	MO	DY	TIME 24.0 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
75	8	1	1045	20.	.224	.090	.020	.099				52.00	80.00	5.77		767.
75	8	2	1045	22.	.208	.060	.020	.050				44.20	84.00	4.98		777.
75	8	3	1045	29.	.212	.070	.090	.033				66.90	76.00	5.72		720.
75	8	4	445	32.		.070	.110	.060				57.10		4.29		
75	8	4	1100	18.		.053	.100	.081						1.81		
75	9	16	900	219.	.260	.037	.580	.071				26.10		10.90		
75	9	17	900	169.	.230	.026	.870	.036				24.60		12.00		
75	9	18	900	158.	.230	.026	.840	.086				21.20		10.40		
75	9	19	900	398.	.360	.043	1.110	.048				96.60		11.70		
75	9	20	900	632.	1.250	.073	1.420	.063				862.00		10.80		
75	9	21	900	1180.	.360	.054	1.370	.034				88.00		11.90		
75	9	22	900	751.	.350	.057	1.990	.048				246.00		10.80		
75	9	23	900	581.	.320	.096	1.970	.059						11.60		
75	9	29	1200	480.	.280		2.080	.019				80.30	37.00	11.90		606.
75	9	3	1200	360.	.390		2.070	.030				49.40	35.00	20.00		581.
75	10	1	1200	286.	.240		2.360	.007				40.80	40.00	10.90		601.
75	10	2	1200	231.	.240		2.380	.006				39.10	44.00	10.30		604.
75	10	3	1200	197.	.190		2.290	.020				27.80	38.00	9.70		624.
75	10	4	1200	163.	.170		2.180	.005				22.40	40.00	10.50		636.
75	10	5	1200	145.	.180		2.040	.005				23.30	40.00	8.69		657.
75	10	6	600	133.	.170		1.870	.031				23.80	24.00	9.96		685.
75	10	6	1200	128.	.117	.036	1.760	.014				19.30	33.00	10.00		694.
75	10	7	1200	108.	.103	.026	1.390	.036				16.40	33.00	9.10		708.
75	10	8	1200	100.	.233	.076	1.320	.070				15.40	33.00	8.12		719.
75	10	9	1200	113.	.163	.046	1.280	.065				26.80	32.00	7.47		742.
75	10	10	1200	104.	.163	.059	1.060	.060				13.00	35.00	8.14		741.
75	10	11	1200	104.	.119	.021	.640	.047				13.30	36.00	5.65		737.
75	10	12	1200	96.	.114	.014	.450	.025				21.90	36.00	4.89		744.
75	10	13	600	96.	.356	.019	.350	.029				16.40	30.00	4.85		753.
75	10	13	1200	96.	.121	.017	.340	.270				22.50	60.00	4.00		742.
75	10	13	1800	96.	.103	.013	.190	.090				15.20	58.00	6.09		702.
75	10	14	20	92.	.117	.015	.190	.237				14.00	58.00	3.40		737.
75	10	14	600	92.	.140	.012	.220	.075				18.60	62.00	3.29		764.
75	10	14	1200	89.	.113	.006	.100	.179				19.00	60.00	1.86		735.
75	10	14	1820	89.	.094	.003	.030	.038				16.80	59.00	2.83		683.
75	10	15	20	89.	.117	.008	.020	.132				19.00	57.00	3.34		710.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR MO DY	TIME HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO+2 NO+3 N MG/L	NH+3 N MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
75 1 15	620	80.	.130	.021	.020	.077				27.80	56.00	3.05		739.
75 1 15	1220	80.	.127	.020	.019	.127				19.50	60.00	2.30		739.
75 1 1	1800	80.	.116	.017	.024	.071				17.10	49.00	2.54		708.
75 1 16	20	100.	.140	.021	.027	.064				14.70	56.00	1.42		729.
75 1 16	620	92.	.101	.024	.020	.106				14.00	32.00	1.79		736.
75 1 16	1220	96.	.101	.025	.011	.060				12.00	50.00	2.39		714.
75 1 16	1820	100.	.105	.026	.010	.098				12.60	35.00	2.18		702.
75 1 17	20	96.	.135	.035	.017	.037				14.50	54.00	2.18		734.
75 1 17	620	92.	.159	.029	.010	.096				14.30	35.00	2.15		755.
75 1 17	1220	104.	.137	.027	.011	.028				13.00	65.00	3.23		755.
75 1 17	1820	96.	.099	.041	.020	.089				12.10	34.00	2.67		729.
75 1 18	20	261.	.100	.004	.010	.023				13.40	60.00	2.17		729.
75 1 18	620	133.	.141	.038	.009	.065				15.40	37.00	3.85		736.
75 1 18	1220	578.	.296	.059	1.470	.041				66.90	62.00	5.84		745.
75 1 18	1820	536.	.533	.112	2.490	.102				168.00	44.00	7.41		723.
75 1 19	220	1636.	.715	.049	2.640	.055				316.00	54.00	7.01		727.
75 1 19	620	1430.	.790	.044	2.670	.068				410.00	50.00	8.61		721.
75 1 19	1220	1350.		.035	2.830	.062				248.00		8.61		
75 1 19	1820	1446.		.027	1.790	.102				325.00		8.61		
75 1 20	20	1100.		.026	3.000	.048				379.00		8.77		
75 1 20	620	1220.	.389	.037	4.510	.099				125.00	44.00	9.37		656.
75 1 20	1220	1190.	.211	.026	4.670	.093				52.50	39.00	10.20		627.
75 1 21	1220	937.	.170	.043	3.430	.055				40.70	42.00	10.00		699.
75 1 22	1220	674.	.160	.033	3.200	.035				38.70	43.00	10.00		720.
75 1 23	1220	595.	.141	.041	2.790	.084				34.00	44.00	11.10		724.
75 1 24	1220	390.	.103	.034	2.840	.036				28.00	43.00	10.20		745.
75 1 25	1220	319.	.130	.043	2.430	.041				24.50	46.00	9.07		746.
75 1 26	1220	267.	.120	.052	2.330	.026				18.70	46.00	9.88		733.
75 1 27	620	243.	.111	.038	2.200	.009				26.60	40.00	8.59		753.
75 1 27	1220	237.	.101	.044	2.310	.114				25.00	42.00	8.95		750.
75 1 28	1420	228.	.102	.048	1.940	.045				15.60	49.00	5.80		760.
75 1 29	1430	185.	.121	.019	1.72	.068				15.40	45.00	5.12		750.
75 1 30	1430	169.	.111	.013	1.590	.055				11.50	50.00	4.75		748.
75 1 31	1430	163.	.107	.013	1.390	.063				15.10	46.00	3.46		741.
75 11 1	1430	148.	.09	.003	1.030	.046				8.10	52.00	2.64		777.
75 11 2	1430	138.	.09		1.090	.015				28.40	50.00	4.71		749.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
75 11 5 [illegible]		145.	.150	.011	1.100	.052				13.40	46.00	1.56		819.
75 11 7 1[illegible]		145.	.093	.020	.960	.084				32.50	88.00	3.71		761.
75 11 9 12[illegible]		145.	.393	.017	.840	.104				34.60	86.00	2.77		772.
75 11 [illegible] 12[illegible]		158.	.115	.011	.700	.042				39.30	77.00	3.65		767.
75 11 11	1540	213.	.093	.093	.190	.031				15.10	62.00	.77		812.
75 11 12	1540	267.	.106	.055	.290	.034				29.00	63.00	1.54		821.
75 11 13	1540	286.	.085	.044	.250	.035				16.20	58.00	1.95		845.
75 11 14	1540	279.	.089	.012	.160	.019				36.00	59.00	1.29		836.
75 11 15	1540	237.	.062	.002	.240	.014				8.10	58.00	2.36		838.
75 11 16	1540	197.	.043	.001	.270	.013				6.40	64.00	2.91		818.
75 11 17	940	180.	.040	.007	.410	.017				7.40	63.00	2.90		867.
75 11 24	1730	123.	.350	.064	.340	.097				9.20	70.00	1.91		824.
75 11 25	1730	123.	.417	.068	.320	.085				5.60	68.00	.76		818.
75 11 26	1730	118.	.417	.071	.360	.062				10.10	63.00	.52		804.
75 11 27	1730	123.	.353	.072	.480	.086				7.40	72.00	.57		833.
75 11 28	1730	118.	.456	.095	.690	.105				4.00	70.00	.49		833.
75 11 29	1730	123.	.340	.058	.650	.075				4.70	70.00	1.14		847.
75 11 30	1730	185.	.360	.064	.740	.048				4.20	74.00	1.06		844.
75 12 1	1130	163.	.340	.065	.980	.073				3.70	78.00	1.76		882.
75 12 2	1730	174.	.105	.020	.900					2.60	56.00			879.
75 12 3	1730	243.	.141	.040	.900	.140				4.90	53.00			886.
75 12 5	1730	336.	.129	.020	.750	.150				6.30	54.00			886.
75 12 6	1730	338.	.106		.700	.130				4.40	50.00			881.
75 12 7	1730	267.	.059		.800	.090				4.20	50.00			890.
75 12 8	1730	292.	.170	.040	1.100	.110				6.80	57.00			900.
75 [illegible] 7	17[illegible]	786.	.20[illegible]	.08[illegible]	1.630	.310				36.10	50.00			838.
75 [illegible] [illegible]	[illegible]	747.	.223	.09[illegible]	2.120	.145				33.80	55.00			802.
75 12 9	1730	652.	.23[illegible]	.120	2.600	.135				39.50	56.00			792.
75 12 10	1730	652.	.254	.140	3.000	.190				33.90	48.00			718.
75 12 10	1730	514.	.200	.120	3.100	.160				25.40	49.00			755.
75 12 11	1730	462.	.214	.130	3.500	.180				24.50	48.00			740.
75 12 12	1730	390.	.194	.120	3.400	.220				17.10	48.00			768.
75 12 13	1730	454.	.162	.100	3.000	.180				8.70	48.00			762.
75 12 14	1730	652.	.183	.090	3.250	.120				17.80	47.00			778.
75 12 14	2330	663.	.187	.090	3.100	.060				22.70	48.00			776.
75 12 15	93[illegible]	705.	.195		3.100	.060				31.70	47.00			776.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
75 12 15	1130	898.	.187	.080	5.000	.050				35.30	46.00			765.
75 12 15	1200	911.	.213	.100	5.400	.030				58.50	41.00			728.
75 12 15	1800	1502.	.252	.100	3.500	.060				105.00	41.00			732.
75 12 15	2400	2648.	.295	.100	3.700	.070				117.00	39.00			698.
75 12 16	600	3437.	.674	.100	4.330	.070				49.50	35.00			616.
75 12 16	1200	3916.	.604	.090	4.500	.080				302.00	34.00			576.
75 12 16	1800	3748.	.504	.090	4.500	.070				210.00	35.00			592.
75 12 16	2400	3604.	.517	.090	4.900	.100				216.00	31.00			547.
75 12 17	600	3556.	.535	.100	5.900	.130				188.00	34.00			546.
75 12 17	1200	3508.	.492	.090	6.100	.120				193.00	35.00			559.
75 12 17	1800	3368.	.452	.080	6.200	.110				174.00	35.00			571.
75 12 17	2400	3161.	.480	.080	6.600	.140				180.00	34.00			549.
75 12 18	600	2846.	.429	.080	6.600	.180				144.00	34.00			546.
75 12 18	1200	2497.	.381	.070	6.600	.160				135.00	34.00			542.
75 12 19	1200	1394.	.264	.090	6.700	.130				59.50	35.00			572.
75 12 20	1200	808.	.166	.090	6.200	.130				30.40	37.00			640.
75 12 21	1200	674.	.140	.080	6.000	.140				24.30	38.00			668.
75 12 22	600	534.	.147	.080	6.000	.140				29.20	38.00			675.
76 1 5	1200	2453.	.290	.390	6.400	.130				43.40	30.00			536.
76 1 6	1800	1400.	.559	.050	6.400	.370				259.00	33.00			539.
76 1 6	56	920.	.203	.080	6.800	.370				47.40	35.00			571.
76 1 6	650	920.	.196	.080	7.000	.380				38.60	36.00			583.
76 1 6	1230	920.	.183	.080	7.200	.360					37.00			615.
76 1 12	1145	500.		.070	4.100	.320		.860			43.00			
76 1 12	1745	500.	.166							11.10				
76 1 12	2345	500.	.162	.110	3.500	.350		.963		6.20	50.00			
76 1 13	1145	800.	.214	.130	3.500	.330		.826		15.90	46.00			
76 1 13	2345	800.	.187	.110	3.600	.300		.906		17.70	43.00			
76 1 14	1145	1200.	.159	.110	3.300	.360		.848		17.50	42.00			
76 1 14	2345	1200.	.167	.110	3.100	.460		.963		12.20	42.00			
76 1 15	1145	1600.	.149	.110	3.100	.495		.803		10.90	46.00			
76 1 15	2345	1600.	.163	.110	3.100	.460		.917		10.40	46.00			
76 1 16	1145	1900.	.150	.130	3.100	.500		.963		9.10	47.00			
76 1 16	2345	1900.	.130	.130	3.100	.520		.711		16.10	51.00			
76 1 19	1140	900.	.197	.080	2.800	.310				5.10	40.00			691.
76 1 20	1140	760.	.125	.080	2.800	.320				4.90	47.00			746.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR	MO	DY	TIME 24HR HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	1	21	1140	660.	.134	.070	2.800	.260				4.50	43.00			755.
76	1	22	1140	580.	.099	.070	2.700	.270				4.70	40.00			749.
76	1	23	1140	520.	.102	.060	2.700	.300				5.20	49.00			823.
76	1	24	540	490.	.194	.130	1.100	.270				21.40	24.00			331.
76	1	26	1145	7200.	.558	.120	1.400	.400				229.00	34.00			357.
76	1	26	1745	7200.	.807	.100	1.300	.260				441.00	23.00			289.
76	1	26	2345	7200.	.669	.100	1.300	.530				394.00	19.00			235.
76	1	27	545	8500.	.669	.110	1.300	.560				327.00	17.00			209.
76	1	27	1145	8500.	.543	.100	1.500	.930				222.00	18.00			207.
76	1	27	1745	8500.	.566	.130	1.600	.760				23.30	18.00			210.
76	1	27	2345	8500.	.449	.120	1.900	.610				151.00	18.00			223.
76	1	28	545	6600.	.413	.140	2.100	.710				116.00	18.00			241.
76	1	28	1145	6600.	.386	.110	2.300	.550				98.70	21.00			259.
76	1	28	1745	6600.	.393	.120	2.400	.570				100.00	22.00			272.
76	1	28	2345	6600.	.394	.110	2.500	.530				114.00	21.00			275.
76	1	29	545	4000.	.361	.120	2.500	.420				95.90	21.00			274.
76	1	29	1145	4000.	.359	.090	2.600	.650				106.00	21.00			279.
76	1	29	1745	4000.	.374	.110	2.700	.290				120.00	21.00			288.
76	1	29	2345	4000.	.362	.100	2.700	.350				112.00	21.00			298.
76	1	30	545	2000.	.337	.120	2.900	.430				91.20	21.00			308.
76	1	30	1145	2000.	.301	.120	2.900	.420				64.80	21.00			316.
76	1	30	1745	2000.	.294	.120	3.000	.400				57.30	21.00			334.
76	1	30	2345	2000.	.298	.110	3.100	.510				66.70	21.00			342.
76	1	31	545	1200.	.261	.120	3.200	.360				39.60	23.00			361.
76	1	31	1145	1200.	.236	.100	3.300	.370				32.10	24.00			374.
76	1	31	1745	1200.	.273	.110	3.400	.270				55.80	24.00			403.
76	1	31	2345	1200.	.267	.100	3.500	.320				50.20	24.00			406.
76	2	1	545	800.	.251	.100	3.500	.320				47.60	25.00			433.
76	2	1	1145	800.	.215	.100	3.500	.220				32.60	25.00			454.
76	2	1	1745	800.	.222	.090	3.600	.290				35.30	26.00			478.
76	2	1	2345	800.	.191	.090	3.700	.360				21.90	26.00			484.
76	2	2	1300	680.		.160	2.800	.240				47.50	20.00			401.
76	2	4	1300	540.		.060	2.500	.210				34.60	20.00			431.
76	2	4	1900	540.		.080	3.400	.240				93.90	28.00			610.
76	2	5	100	500.		.050	3.300	.270				31.50	28.00			595.
76	2	8	1900	460.		.060	3.100	.280				8.10	35.00			718.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION S/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	9	5	100	450.		.070	3.100	.310				3.30	36.00			748.
76	9	6	700	450.		.060	3.200	.280				1.60	36.00			760.
76	9	6	1130	450.	.330	.330	.900	.360		.800		6.30	49.00		.50	745.
76	9	6	1730	450.	.310	.310	.700	.360				5.30	34.00		.50	742.
76	9	6	2330	450.	.310	.310	.900	.370				4.30	450.00		.70	7518.
76	9	10	530	1000.	.310	.310	.900	.370				9.40	37.00		.80	773.
76	9	10	1130	1000.	.422	.280	3.000	.630		.800		9.90	61.00		1.10	860.
76	9	10	1730	1000.	.320	.240	1.200	.360				46.80	44.00		2.10	668.
76	9	10	2330	1000.	.476	.180	2.500	.310				64.60	98.00		2.90	499.
76	9	11	530	3500.	.381	.190	2.000	.270				67.60	79.00		3.20	507.
76	9	12	1130	5400.	.503	.170	1.900	.190		1.100		123.00	80.00		6.50	302.
76	9	12	1730	5400.	.524	.180	2.200	.250				121.00	86.00		6.40	305.
76	9	12	2330	5400.	.434	.210	1.900	.210				137.00	83.00		7.20	328.
76	9	13	530	3400.	.368	.230	1.500	.190				84.60	81.00		7.00	319.
76	9	13	1130	3400.	.385	.220	1.500	.190		1.400		84.30	81.00			319.
76	9	13	1130	3400.	.385	.220	1.300	.220		1.400		81.30	69.00		7.50	330.
76	9	13	1730	3400.	.391	.210	1.100	.210				161.00	54.00		8.20	324.
76	9	13	2330	3400.	.398	.220	1.100	.190				165.00	55.00		8.40	323.
76	9	14	530	2900.	.321	.230	.900	.190				101.00	45.00		6.80	317.
76	9	14	1130	2900.	.330	.240	.900	.160		1.400		135.00	51.00		6.90	322.
76	9	14	1730	2900.	.311	.240	.900	.170				125.00	45.00		6.20	319.
76	9	14	2330	2900.	.345	.260	.800	.170				162.00	37.00		7.70	328.
76	9	15	530	2500.	.283	.270	.800	.170				97.60	37.00		6.10	342.
76	9	15	1130	2500.	.290	.290	.800	.180		1.500		73.70	36.00		5.50	359.
76	9	15	1730	2500.	.290	.290	.700	.190				110.00	32.00		6.30	377.
76	9	15	2330	2500.	.325	.300	.600	.190				163.00	26.00		7.70	395.
76	9	16	530	2200.	.323	.320	.500	.190		1.500		176.00	24.00		8.50	409.
76	9	16	1130	2200.	.263	.060	3.600	.710				125.00	23.00			414.
76	9	16	1730	2200.	.591	.100	3.300	1.000				315.00	23.00			393.
76	9	17	530	11000.	1.200	.050	5.000	.320				685.00	19.00			329.
76	9	17	1130	11000.	1.410	.050	5.000	.830				1079.00	17.00			295.
76	9	17	1730	11000.	1.460	.040	5.000	.470				1116.00	16.00			265.
76	9	23	1730	6210.		.040	4.600	.270		1.100		178.00	24.90			403.
76	9	24	1130	4490.		.050	4.600	.070		1.500		136.00	25.00			419.
76	9	25	530	2910.		.050	4.700	.060		1.700		99.70	26.00			459.
76	9	26	1130	2050.								71.80				530.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	2	26	1730	2050.		.040	4.300	.030		1.200			28.00			
76	2	27	1130	1560.								67.80				558.
76	2	27	1730	1561.		.050	4.800	.070		.900			28.90			
76	2	28	1130	1180.		.050	4.100	.070		1.000		63.50	29.50			579.
76	2	29	1130	918.		.050	4.000	.120		1.200		53.40	30.50			602.
76	3	1	530	750.		.040	3.800	.060		1.200		51.80	30.20			613.
76	3	1	1150	750.	.142	.060	3.800	.060				36.90	28.00			647.
76	3	2	1150	655.	.135	.060	3.900	.160				33.80	28.00			647.
76	3	2	2350	655.		.050	3.700	.080					30.00			667.
76	3	3	550	721.		.050	3.700	.380					31.00			672.
76	3	3	1150	721.	.149	.060	3.600	.120				43.70	32.00			670.
76	3	3	1750	721.	.363	.070	3.700	.110				207.00	32.00			661.
76	3	3	2350	721.	.886	.070	3.400	.050				711.00	25.00			516.
76	3	4	550	1845.	.746	.070	3.600	.050				477.00	22.00			482.
76	3	4	1150	3184.	.778	.070	3.500	.060				504.00	22.00			461.
76	3	4	1750	5714.	.758	.070	3.300	.080				535.00	21.00			408.
76	3	4	2350	7539.	.628	.050	3.400	.080				402.00	19.00			404.
76	3	5	550	8348.	.657	.050	3.600	.050				390.00	18.00			375.
76	3	5	1150	8852.	.596	.060	4.000	.060				335.00	19.00			380.
76	3	5	1750	8768.	.596	.070	3.900	.080				492.00	19.00			385.
76	3	5	2350	8516.	.606	.090	3.900	.070				357.00	18.00			371.
76	3	6	550	8208.	.603	.090	3.700	.100				333.00	18.00			374.
76	3	6	1150	7648.	.622	.080	3.700	.100				355.00	18.00			369.
76	3	6	1750	7053.	.613	.070	3.600	.250				357.00	18.00			366.
76	3	6	2350	6756.	.589	.060	3.600	.080				324.00	17.00			365.
76	3	7	550	6378.	.526	.070	3.600	.120				269.00	17.00			374.
76	3	7	1150	6000.	.505	.060	3.700	.080				267.00	17.00			379.
76	3	7	1750	5454.	.502	.060	3.800	.080				166.00	17.00			389.
76	3	7	2350	4804.	.442	.060	3.800	.100				193.00	18.00			404.
76	3	8	550	4115.	.417	.060	3.900	.090				179.00	18.00			415.
76	3	8	1130	3308.		.050	4.100	.170		1.200		177.00	25.00		14.20	409.
76	3	9	1130	1553.	.246	.060	4.100	.120		.600		89.20	28.00		10.00	475.
76	3	10	1130	998.	.200	.070	4.000	.230		.700		57.90	30.00		6.30	527.
76	3	11	1130	772.	.150	.060	3.800	.130		.200		40.30	32.00		4.20	568.
76	3	12	1130	680.	.110	.070	3.600	.130		1.000		34.30	33.00		3.00	599.
76	3	13	1130	650.	.114	.060	3.500	.080				36.20	34.00		2.30	623.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION #/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR MO DY	TIME 24 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 [illegible] 14	1115	592.	.107	.060	3.300	.060		.100		28.30	34.00		2.00	637.
76 [illegible] 15	[illegible]	867.	.114	.070	3.200	.090				23.80	34.00		2.10	648.
76 [illegible] 16	1115	573.	.115	.020	3.100	.590		1.200		21.80	26.00			672.
76 [illegible] 16	115	672.	.164	.230	3.000	.390		1.700		58.30	30.00			650.
76 [illegible] 17	1150	544.	.144	.040	3.000	.090		2.500		31.30	34.00			667.
76 [illegible] 18	1151	473.	.125	.030	2.900	.030		1.900		54.10	31.00			644.
76 [illegible] 19	1150	407.	.115	.020	2.900	.040		3.000		33.00	31.00			664.
76 [illegible] 20	115[illegible]	660.	.118	.020	2.800	.020		1.500		31.20	34.00			696.
76 [illegible] 21	1150	772.	.116	.010	2.700	.050		1.600		34.20	33.00			691.
76 [illegible] 22	55[illegible]	1864.	.204	.010	2.600	.060		1.800		80.30	34.00			668.
76 [illegible] 22	1200	2140.	.214	.030	2.900	.150				102.00	32.00			625.
76 [illegible] 23	120	2371.	.685	.050	3.500	.090				368.00	27.00			481.
76 [illegible] 23	1800	2220.	.543	.05	3.400	.010				338.00	27.00			470.
76 [illegible] 23	2400	1696.	.526	.040	3.500	.050				308.00	27.00			462.
76 [illegible] 24	60	1417.	.505	.040	3.530	.080				270.00	26.00			461.
76 [illegible] 24	1200	1182.	.445	.040	3.300					228.00	25.00			473.
76 [illegible] 24	18	[illegible]12.	.504	.040	3.300	.010				232.00	25.00			477.
76 [illegible] 24	24[illegible]	986.	.481	.040	3.400	.120				207.00	25.00			484.
76 [illegible] 25	600	795.	.433	.030	3.400	.630				186.00	25.00			492.
76 [illegible] 25	1200	726.	.387	.030	3.400	.060				233.00	26.00			509.
76 [illegible] 25	1800	690.	.348	.030	3.300					139.00	26.00			521.
76 [illegible] 26	2400	650.	.316	.020	3.400					126.00	27.00			536.
76 [illegible] 26	1200	590.	.272	.030	3.200	.010				105.00				561.
76 [illegible] 27	1200	499.	.208	.020	2.900	.030				77.40	29.00			604.
76 [illegible] 28	1200	449.	.151	.030	2.700					53.30	29.00			630.
76 [illegible] 29	600	517.	.135	.020	2.600	.080				45.00	29.00			646.
76 [illegible] 29	1125	535.	.119	.040	2.700					38.40	29.00			659.
76 [illegible] 30	1125	473.	.116	.030	2.350	.030				37.10	30.00			678.
76 4	1125	482.	.110	.020	2.000	.610				31.10	31.00			683.
76 4 [illegible]	1125	407.	.095	.030	2.000	.010				21.30	31.00			692.
76 4 [illegible]	1125	620.	.091	.030	1.900	.010				21.60	31.00			700.
76 4 4	1125	784.	.104	.050	1.700					29.40	30.00			699.
76 4 5	525	738.	.089	.050	1.700					27.90	31.00			688.
76 4 [illegible]	1115	715.	.097	.040	1.700	.130				23.20	31.00			679.
76 4 6	1115	490.	.099	.030	1.800	.070				22.30	32.00			672.
76 4 7	1115	407.	.062	.020	1.600	.110				18.60	32.00			673.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	4	8	1115	424.	.066	.010	1.600	.080				15.10	34.00			686.
76	4	9	1115	392.	.058	.010	1.500	.060				10.50	32.00			685.
76	4	10	1115	323.	.048		1.300	.040				7.00	32.00			683.
76	4	11	1115	302.	.055		1.100	.020				8.30	32.00			698.
76	4	12	515	281.	.058		1.000	.010				8.30	33.00			696.
76	4	12	1100	281.	.075	.010	.900	.190				10.60	33.00			673.
76	4	13	1100	267.	.052	.010	.900	.220				10.50	33.00			670.
76	4	14	1100	670.	.061	.010	.900	.230				9.20	34.00			667.
76	4	15	1100	248.	.083	.020	.700	.280				18.40	35.00			673.
76	4	16	1100	241.	.114	.020	.500	.260				26.60	35.00			679.
76	4	17	1100	248.	.111	.020	.300	.290				12.60	33.00			670.
76	4	18	1100	260.	.103	.010	.100	.170				19.10	35.00			685.
76	4	19	500	260.	.101	.010	.100	.100				23.90	35.00			711.
76	4	19	1300	281.	.086	.030	.500	.230				17.10	36.00			666.
76	4	20	1300	295.	.098	.040	.400	.260				18.50	36.00			684.
76	4	21	1300	309.	.069	.040	.400	.210				15.30	36.00			706.
76	4	22	1300	323.	.085	.030	.400	.180				12.50	36.00			716.
76	4	23	1300	330.	.093	.050	.400	.220				19.60	37.00			733.
76	4	24	1300	338.	.091	.020	.400	.130				14.90	38.00			745.
76	4	25	1300	415.	.098	.020	.300	.090				26.00	38.00			749.
76	4	26	700	424.	.091	.020	.400	.090				28.30	38.00			763.
76	4	26	1125	432.	.053	.050	.700	.100				20.30	42.00			640.
76	4	27	1125	473.	.060	.030	.600	.110				29.60	42.00			679.
76	4	28	1125	473.	.078	.020	.600	.070				12.40	43.00			699.
76	4	29	1125	457.	.015	.010	.600	.090				22.30	41.00			702.
76	4	30	1125	384.	.047	.030	.400	.190				18.50	41.00			650.
76	5	1	1125	338.	.253	.250	.300	.130				15.80	42.00			641.
76	5	2	1125	302.	.067	.020	.600	.180				13.30	43.00			660.
76	5	3	525	274.	.067	.010	.700	.090				14.60	44.00			676.
76	5	3	1110	267.	.071	.020		.570				12.70	49.00			
76	5	4	1110	241.	.080	.010		.420				12.40	46.00			
76	5	5	1110	229.	.073	.010		.320				11.40	46.00			
76	5	6	1110	210.	.071	.010		.450				12.00	46.00			
76	5	7	1110	392.	.149	.010	3.600	.540				23.50	51.00			
76	5	8	1110	473.	.080	.010	5.700	.230				13.60	51.00			
76	5	9	510	399.	.070	.010	3.900	.160				20.80	49.00			

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	PH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	5	9	1110	369.	.087	.010	3.500	.080				16.60	48.00			
76	5	10	510	323.	.091		2.900	.060				28.10	47.00			
76	5	10	1100	302.	.092	.040	3.300					15.60	49.00			744.
76	5	11	1100	254.	.080	.030	2.900	.010				17.80	47.00			745.
76	5	12	1100	223.	.077	.030	1.900	.080				20.70	48.00			754.
76	5	13	1100	198.	.073	.030	1.400					17.10	49.00			760.
76	5	14	1100	172.	.077	.030	1.000	.050				17.80	49.00			764.
76	5	15	1100	166.	.070	.040	.900	.080				11.20	49.00			750.
76	5	16	1100	177.	.087	.030	.800					13.20	53.00			773.
76	5	17	500	187.	.115	.020	.900	.010				15.30	53.00			777.
76	5	17	1115	193.	.125	.050	1.100	.050				9.90	45.00			758.
76	5	17	1715	267.	.198	.070	1.300	.150				72.40	42.00			708.
76	5	17	2315	795.	.565	.070	3.200	.060				356.00	43.00			727.
76	5	18	515	1940.	.354	.080	6.400	.050				190.00	41.00			681.
76	5	18	1115	2182.	.397	.070	13.200	.050				224.00	30.00			546.
76	5	19	1115	1118.	.203	.070	15.500	.060				53.40	35.00			653.
76	5	20	1115	680.	.160	.050	11.300	.060				46.60	38.00			738.
76	5	21	1115	407.	.202	.040	8.400	.100				79.90	38.00			771.
76	5	22	1115	345.	.164	.030	9.600	.070				45.70	37.00			744.
76	5	23	1115	267.	.130	.020	7.800	.040				39.10	37.00			750.
76	5	24	515	229.	.257		7.400	.070				131.00	38.00			757.
76	5	24	1130	217.	.112	.040	7.900	.110				38.50	41.00			772.
76	5	25	1130	182.	.099	.030	7.600	.050				36.20	44.00			782.
76	5	26	1130	161.	.100	.030	6.300	.070				30.40	46.00			785.
76	5	27	1130	105.	.134	.070	5.100	.120				16.50	44.00			770.
76	5	29	1130	129.	.074	.010	3.700	.340				23.70	43.00			759.
76	5	30	1130	105.	.083	.010	3.100	.100				13.50	47.00			774.
76	5	31	515	123.	.125		2.700	.180				48.40	47.00			791.
76	5	31	1200	323.	.125	.030	2.900	.010				55.00	47.00			775.
76	5	31	1800	1 41.	.307	.060	3.000	.020				209.00	45.00			778.
76	5	31	2400	1400.	.244	.070	3.400	.010				112.00	38.00			759.
76	6	1	600	1166.	.305	.060	6.900	.010				197.00	33.00			656.
76	6	1	1200	1696.	.770	.080	6.200	.010				579.00	26.00			479.
76	6	1	1800	1960.	.596	.120	9.200	.040				332.00	30.00			569.
76	6	1	2400	2392.	.422	.100	10.100	.020				218.00	32.00			636.
76	6	2	600	2476.	.575	.090	12.500	.020				397.00	28.00			543.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 6 2	1200	2161.	.393	.080	13.800	.010				222.00	31.00			620.
76 6 2	1800	1864.	.359	.080	13.500	.020				207.00	32.00			634.
76 6 2	2400	1678.	.321	.080	13.000	.020				197.00	33.00			631.
76 6 3	600	1536.	.404	.080	13.000	.010				254.00	33.00			639.
76 6 3	1200	1434.	.359	.080	13.600					206.00	32.00			618.
76 6 3	1800	1417.	.352	.080	13.000	.050				223.00	31.00			613.
76 6 3	2400	1349.	.374	.090	13.400	.020				228.00	32.00			626.
76 6 4	600	1400.	.331	.080	13.100	.100				179.00	33.00			651.
76 6 4	1200	1070.	.281	.080	13.500	.030				141.00	34.00			681.
76 6 4	1800	925.	.282	.090	14.300	.210				135.00	35.00			706.
76 6 4	2400	808.	.245	.070	14.700					107.00	36.00			722.
76 6 5	600	715.	.230	.070	15.200	.120				94.50	37.00			728.
76 6 5	1200	630.	.212	.070	16.100	.030				90.60	37.00			724.
76 6 5	1800	562.	.214	.070	16.700	.120				76.70	37.00			724.
76 6 5	2400	508.	.219	.070	16.900	.070				88.60	37.00			728.
76 6 6	600	457.	.221	.080	16.200	.130				92.70	38.00			738.
76 6 6	1200	415.	.184	.080	15.300	.060				67.90	39.00			741.
76 6 6	1800	376.	.158	.060	15.300	.050				49.20	40.00			749.
76 6 6	2400	345.	.165	.070	14.600	.040				55.20	41.00			756.
76 6 7	600	323.	.176	.070	13.900	.060				64.70	43.00			772.
76 6 7	1100	309.	.145	.050	12.600	.050				45.00	44.00			778.
76 6 7	1700	288.	.126	.020	13.200	.020				33.50	44.00			774.
76 6 7	2300	267.	.124	.040	12.400	.040				38.20	43.00			769.
76 6 8	500	254.	.129	.030	11.900	.030				40.10	43.00			767.
76 6 8	1100	235.	.122	.040	11.400	.050				37.30	44.00			764.
76 6 8	1700	223.	.113	.110	10.900	.110				26.60	44.00			760.
76 6 8	2300	217.	.117	.050	10.900	.050				33.00	44.00			759.
76 6 9	500	204.	.120	.050	11.200	.050				28.50	44.00			760.
76 6 9	1100	198.	.108	.090	11.100	.090				19.60	45.00			756.
76 6 9	1700	182.	.230	.230	10.900	.230				18.70	45.00			749.
76 6 9	2300	177.	.170	.170	10.700	.170				23.80	46.00			755.
76 6 10	500	166.	.120	.070	10.700	.070				39.70	45.00			758.
76 6 10	1100	161.	.120	.100	10.500	.110				32.30	45.00			758.
76 6 11	1100	141.	.140	.140	10.400	.140				34.20	48.00			766.
76 6 12	1100	125.	.150	.150	10.100	.150				41.40	48.00			767.
76 6 13	1100	109.	.180	.180	9.200	.180				28.50	49.00			764.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR MO DY	TIME 24.0 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 6 14	500	95.	.150	.050	8.900	.050				34.00	52.00			778.
76 6 14	1055	95.	.142	.090	8.300	.110				20.00	51.00			735.
76 6 15	1055	88.	.166	.070	9.400	.020				47.00	48.00			751.
76 6 16	1055	81.	.164	.090	7.100	.200				14.70	50.00			732.
76 6 17	1055	85.	.131	.060	6.300	.240				72.80	51.00			754.
76 6 18	1055	95.	.185	.050	5.400	.420				47.10	51.00			735.
76 6 19	1055	121.	.188	.030	3.800	.280				60.50	48.00			704.
76 6 20	1055	141.	.188	.020	2.800	.180				65.10	49.00			727.
76 6 21	455	210.	.235	.020	1.800	.020				126.00	52.00			743.
76 6 21	1105	267.		.070	3.200	.010				124.00	52.00			
76 6 21	1705	323.	.250							164.00				795.
76 6 21	2305	482.		.080	3.200	.010					47.00			
76 6 22	1105	784.	.305	.080	3.200	.020				125.00	41.00			851.
76 6 22	2305	680.		.050	2.300	.030				119.00	42.00			
76 6 23	1105	482.	.247	.050	1.400	.030				104.00	43.00			783.
76 6 23	2305	399.		.050	2.300	.070				60.70	45.00			
76 6 24	1105	302.	.219	.070	4.400	.040				49.10	40.00			787.
76 6 24	1705	309.	.211											782.
76 6 24	2305	323.	.169	.070	6.200	.110				53.90	41.00			775.
76 6 25	505	330.	.179											768.
76 6 25	1105	316.	.178	.080	6.400	.160				80.20	46.00			783.
76 6 25	1705	323.	.239											770.
76 6 25	2305	323.	.212	.060	6.000	.110				76.20	46.00			772.
76 6 26	505	353.	.234											758.
76 6 26	1105	392.	.231	.070	7.900	.120				96.70	45.00			746.
76 6 26	1705	432.	.484											771.
76 6 26	2305	465.	.174	.060	9.700	.050				101.00	44.00			802.
76 6 27	505	517.	.164											816.
76 6 27	1105	600.	.221	.060	11.500	.040				285.00	42.00			793.
76 6 27	1705	540.	.224											764.
76 6 27	2305	620.	.348	.050	13.100	.040				50.30	39.00			765.
76 6 28	505	582.	.307	.050	13.200	.030				50.60	39.00			776.
76 6 28	1100	508.	.236	.090	10.000	.010		1.500		114.00	37.00			730.
76 6 28	2300	415.	.225	.080	10.000	.010		1.100		112.00	37.00			744.
76 6 29	1100	376.	.230	.070	10.700	.010		1.200		101.00	38.00			753.
76 6 29	2300	330.	.186	.080	10.100	.030		2.100		74.80	37.00			728.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO

USGS NO. 04198000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	6	30	1100	260.	.189	.080	10.000	.020		1.300		71.70	38.00			726.
76	6	30	2300	229.	.146	.090	10.200	.030		.100		22.60	39.00			720.
76	7	1	1100	224.	.193	.080	9.900	.040		.970		43.90	40.00			728.
76	7	1	23	204.	.271	.060	9.400	.060		1.670		119.00	39.00			732.
76	7	2	1100	204.	.173	.050	9.700	.090		.780		35.00	42.00			730.
76	7	2	2300	281.	.184	.060	8.600	.090		.940		54.90	43.00			722.
76	7	3	1100	295.	.203	.040	8.100	.080		1.080		82.40	39.00			704.
76	7	3	2300	281.	.349	.030	8.100	.070		1.690		204.00	37.00			675.
76	7	4	1100	254.	.186	.010	8.100	.060		.860		88.20	36.00			677.
76	7	4	2300	217.	.146		8.200			.940		60.70	38.00			686.
76	7	5	500	193.	.189	.010	8.400	.070		1.250		61.80	38.00			693.
76	7	5	1100	182.	.287	.170	9.000	.090				65.80	38.00			689.
76	7	5	1500	172.	.184	.030	9.000	.600				73.80	39.00			660.
76	7	5	1900	161.	.161	.030	8.500	.130				63.90	40.00			627.
76	7	5	2300	150.	.167	.030	8.600	.020				56.00	40.00			633.
76	7	6	300	141.	.167	.050	8.700					57.00	40.00			653.
76	7	6	700	137.	.171	.050	8.800	.020				61.10	40.00			664.
76	7	6	1100	133.	.162	.050	8.600	.050				52.50	38.00			656.
76	7	6	1500	129.	.153	.020	7.900	.350				54.10	36.00			615.
76	7	6	1900	125.	.192	.010	8.000	.190				70.20	36.00			602.
76	7	6	2300	121.	.231	.020	8.300	.030				105.00	35.00			608.
76	7	7	300	113.	.165	.030	8.000	.020				60.40	35.00			609.
76	7	7	700	109.	.150	.040	7.800	.090				48.40	36.00			606.
76	7	7	1100	105.	.155	.010	7.400	.180				45.00	37.00			620.
76	7	7	1500	102.	.142		6.900	.310				45.00	38.00			607.
76	7	7	1700	102.	.162		6.800	.330				43.70	39.00			597.
76	7	12	1400	453.	.437	.120	4.940	.100				218.00	29.00			453.
76	7	13	100	367.	.307	.140	5.270	.050				137.00	27.00			433.
76	7	13	1300	317.	.296	.130	5.300					146.00	30.00			440.
76	7	14	100	277.	.281	.130	5.510	.200				108.00	29.00			453.
76	7	14	1300	305.	.266	.120	5.170	.160				102.00	30.00			461.
76	7	15	100	325.	.207	.110	4.990	.050				78.40	32.00			484.
76	7	15	1300	317.	.214	.110	4.730	.050				75.80	30.00			485.
76	7	15	1500	305.	.208	.080	4.480	.060				63.40	32.00			492.
76	7	19	1300	66.	.410	.010	.300	.030				211.00	41.00			548.
76	7	20	100	74.	.269	.010	1.700	.200				167.00	41.00			515.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR MO DY	TIME 24.0 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 7 21	1300	78.	.113		1.600	.160				57.40	41.00			498.
76 7 21	1400	74.	.091		1.500	.160				41.10	42.00			497.
76 7 21	1500	91.	.123		1.300	.130				40.60	43.00			507.
76 7 22	1000	81.	.120		1.000	.140				49.40	40.00			503.
76 7 22	1300	74.	.123		.800	.140				47.20	44.00			521.
76 7 23	1400	81.	.122	.010	.700	.030				53.80	42.00			518.
76 7 23	1300	102.	.173	.010	.700	.110				59.90	44.00			617.
76 7 24	1300	353.	.234	.010	.800	.080				128.00	42.00			561.
76 7 24	1900	369.	.166	.020	.900	.040				107.00	40.00			582.
76 8 2	1300	113.	.169	.090	1.100	.250				58.80	40.00			511.
76 8 2	1900	105.	.086	.040	.800	.220				37.00	39.00			476.
76 8 3	100	98.	.120	.050	.800	.310				38.30	38.00			488.
76 8 3	700	91.	.124	.040	.900	.230				41.60	39.00			562.
76 8 3	1300	88.	.126	.040	.700	.250				29.30	40.00			561.
76 8 3	1900	85.	.091	.030	.600	.170				37.90	38.00			532.
76 8 4	100	81.	.124	.030	.700	.210				43.60	41.00			572.
76 8 4	700	78.	.107	.030	.700	.130				34.80	43.00			585.
76 9 6	1300	45.	.240	.050	.070	.030				34.60	63.00		.80	686.
76 9 7	1300	41.	.155	.090	.120	.540				19.00	63.00		.43	691.
76 9 8	1300	41.	.126	.050	.110	.360				18.80	63.00		.36	687.
76 9 9	1300	33.	.124	.040	.060	.310				17.40	62.00		.36	680.
76 9 10	1300	29.	.119	.040	.100	.230				27.70	60.00		.53	640.
76 9 11	1300	43.	.131	.030	.100	.230				23.90	67.00		.45	704.
76 9 12	1300	41.	.129	.010	.080	.130				20.30	71.00		.38	717.
76 9 13	700	43.	.133	.010	.080	.050				32.60	76.00		.10	758.
76 9 13	1300	43.	.142	.070	.100	.330				15.40	72.00			752.
76 9 13	1900	43.	.139	.060	.100	.290				20.80	69.00			746.
76 9 14	100	43.	.132	.060	.150	.230				19.50	67.00			740.
76 9 14	700	45.	.137	.060	.170	.190				23.40	65.00			744.
76 9 14	1300	47.	.155	.070	.100	.340				15.90	66.00			738.
76 9 14	1900	49.	.139	.040	.100	.310				17.30	66.00			742.
76 9 15	100	49.	.136	.050	.100	.300				28.50	67.00			748.
76 9 15	700	49.	.141	.060	.100	.290				25.60	67.00			762.
76 9 21	1400	71.	.220	.077	.580	.356				41.50	63.50			809.
76 9 21	1500	78.	.133	.038	.590	.060				17.00	65.40			846.
76 9 22	1300	64.	.131	.040	.090	.064				13.80	54.60			798.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	9	23	1300	57.	.121	.031	.030	.296				18.30	51.10			787.
76	9	24	1300	49.	.135	.034	.030	.218				12.00	49.80			783.
76	9	25	1300	43.	.126	.007	.030	.167				17.00	49.70			779.
76	9	26	1300	43.	.140		.070	.103				29.50	49.20			745.
76	9	27	700	54.	.115		.120	.071				23.70	52.70			773.
76	9	27	1300	61.	.134	.111	.190	.263				17.70	53.00			771.
76	9	28	1300	66.	.122	.094	.430	.100				17.50	62.30			855.
76	9	29	1300	141.	.159	.105	.570	.186				53.20	54.40			845.
76	9	30	1300	156.	.153	.123	.590	.174				30.80	52.70			842.
76	10	1	1300	113.	.115	.085	.130	.148				15.40	50.20			880.
76	10	2	1300	91.	.108	.049	.060	.156				17.20	51.30			880.
76	10	3	1300	71.	.106	.021	.050	.102				21.00	50.10			833.
76	10	4	700	64.	.112	.030	.170	.023				25.90	51.60			830.
76	10	4	1300	70.	.081	.028	.150	.319				21.40	50.80			785.
76	10	5	1300	54.	.117	.026	.160	.355				11.10	49.30			762.
76	10	6	1300	49.	.127	.030	.390	.309				21.50	46.70			728.
76	10	7	1300	54.	.075	.030	.390	.310				9.40	45.70			745.
76	10	8	1300	49.	.076	.015	.630	.132				8.70	46.30			771.
76	10	9	1300	47.	.084	.011	.520	.111				8.70	48.50			769.
76	10	10	1300	52.	.076	.004	.430	.078				10.50	49.40			802.
76	10	11	700	49.	.078		.370	.036				15.70	51.80			812.
76	10	11	1300	49.	.095	.044	.210	.392				7.70	58.30			793.
76	10	12	1300	52.	.095	.041	.110	.380				8.30	59.70			775.
76	10	13	1300	52.	.109	.032	.140	.412				11.60	58.80			767.
76	10	14	1300	47.	.111	.022	.090	.336				9.80	58.50			764.
76	10	15	1300	45.	.104	.011	.160	.226				10.40	58.70			778.
76	10	16	1300	45.	.140	.006	.170	.105				11.80	62.40			801.
76	10	17	1300	41.	.101		.180	.055				13.50	65.30			818.
76	10	18	700	43.	.081		.170	.024				10.60	68.60			844.
76	10	18	1300	43.	.086	.023	.090	.263				12.40	74.00			828.
76	10	19	1300	43.	.079	.023		.250				13.20	74.40			840.
76	10	20	1300	47.	.093	.024	.010	.288				12.60	74.80			833.
76	10	21	1300	59.	.125	.032	.090	.239				14.90	74.00			854.
76	10	22	1300	54.	.093	.016	.090	.147				12.50	75.10			872.
76	10	23	1300	59.	.102	.011	.070	.090				13.20	75.00			875.
76	10	24	1300	64.	.103	.011	.210	.048				19.80	73.20			848.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION #/CODE : NEAR FREMONT, OHIO

USGS NO. 04198000

SAMPLE DATE YR	MO	DY	TIME 24 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76	1	25	700	81.	.108	.009	.460	.036				17.90	74.70			894.
76	1	25	1300	81.	.09		.059	.286				11.10	63.50	.70		894.
76	1	26	1300	78.	.095	.006	.430	.213				9.10	61.30	1.30		887.
76	1	27	1300	81.	.078		.335	.138				9.00	60.80	.80		889.
76	1	28	1300	88.	.089	.007	.385	.149				6.70	60.80	1.40		891.
76	1	29	1300	91.	.127	.039	.240	.196				5.90	59.70	1.40		900.
76	1	30	1300	88.	.067		.315	.129				6.10	61.60	2.10		919.
76	1	31	1300	95.	.076	.013	.375	.329				5.90	59.00	2.10		907.
76	11	1	700	95.	.058	.005	.260	.134				7.30	58.30	1.20		936.
76	11	1	1300	88.	.115	.102	.270	.365				7.60	56.50	1.80		921.
76	11	2	1300	95.	.057	.040	.270	.188					55.70	1.00		918.
76	11	3	1300	95.	.071	.045	.230	.192					58.60	1.00		943.
76	11	4	1300	95.	.080	.053	.290	.167				2.90	58.20	2.00		949.
76	11	5	1300	91.	.068	.048	.360	.148				2.50	60.30	3.20		959.
76	11	6	1300	88.	.061	.038	.330	.129				3.00	58.50	2.30		931.
76	11	7	1300	85.	.092	.062	.370	.143				2.40	58.00	2.00		976.
76	11	8	700	78.	.058	.040	.480	.121				6.10	57.80	2.50		990.
76	11	8	1300	78.	.093	.055	.470	.127				6.10	62.30	4.80		1002.
76	11	9	1300	74.	.064	.030	.560	.068				6.20	62.60	2.60		980.
76	11	10	1300	69.	.048	.018	.500	.077				5.90	62.30	2.10		963.
76	11	11	1300	57.	.052	.021	.420	.048				6.30	61.50	1.70		936.
76	11	12	1300	61.	.052	.017	.460	.080				6.50	62.10	1.10		929.
76	11	13	1300	61.	.048	.033	.600	.059				5.90	65.40	.90		936.
76	11	14	1300	59.	.062	.023	.780	.048				5.50	67.10	.80		942.
76	11	15	700	57.	.050	.012	.870	.032				7.20	68.60	.60		974.
76	11	22	1145	52.	.056	.016	.670	.045				6.00	69.40	.40		923.
76	11	23	1300	57.	.047	.022	.670	.043				5.20	69.40	1.50		926.
76	11	24	1300	78.	.056	.019	.610	.076				4.80	73.00	.50		962.
76	11	25	1300	61.	.049	.020	.510	.055				5.00	73.80	.50		966.
76	11	26	1300	61.	.055	.019	.560	.038				4.00	69.30	.60		926.
76	11	27	1300	69.	.070	.029	.590	.065				5.40	78.80	.40		954.
76	11	28	1300	61.	.065	.023	.580	.021				5.60	72.20	.70		969.
76	11	29	700	59.	.056	.028	.610	.066				6.20	70.50	.80		951.
76	11	29	1300	59.	.069	.024	.750	.073				4.30	65.80	2.20	.20	1003.
76	11	30	1300	60.	.065	.019	.700	.106				5.50	68.10	3.10	.30	1060.
76	12	1	1300	58.	.090	.043	.660	.235		.900		5.70	69.60	4.30		1043.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR MO DY	TIME 24 0 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
76 [illegible]	1300	55.	.060	.017	.710	.086		.700		4.80	75.20	2.98		1062.
76 [illegible]	1300	52.	.201	.140	.720	.212		1.400		13.60	75.20	.51		1132.
76 [illegible]	1300	52.	.095	.067	.880	.241		.700		5.50	67.20	1.05		1098.
76 [illegible]	1300	52.	.074	.045	.800	.411		1.000		8.90	71.10	.81		1164.
76 12 9	1300	52.	.057	.035	.740	.263		.900		10.20	70.70	.35		1162.
76 12 10	1300	52.	.067	.042	.680	.213		.900		8.00	62.90	.35		1129.
76 12 11	1300	53.	.069	.037	.670	.262		1.000		7.00	69.70	.76		1122.
76 12 12	1300	54.	.112	.061	.710	.311		.700		6.50	79.80	.48		1177.
76 12 13	700	55.	.077	.035	.720	.133		.800		5.40	79.20	.51		1205.
76 12 13	1300	52.	.138	.073	.710	.165		.700		2.10	80.00	.47	.23	1146.
76 12 14	1300	58.	.169	.110	.710	1.160		2.400		2.90	74.70	.54	.19	1142.
76 12 15	1300	64.	.107	.068	.750	.411		.900		2.80	66.50	.41	.19	973.
76 12 16	1300	74.	.212	.097	.080	.164		.800		2.80	64.10	.55	.24	1062.
76 12 17	1300	76.	.080	.047	.760	.186		.700		1.40	62.40	.50	.27	1029.
76 12 18	1300	78.	.174	.077	.950	.165		.700		3.50	62.00	.47	.24	1055.
76 12 19	1300	85.	.231	.086	.930	.206		.900		3.60	61.90	.54	.26	1070.
76 12 20	700	78.	.141	.073	1.000	.162		.800		7.30	100.00	.41	.30	1199.
76 12 20	1300	79.	.097	.054	1.010	.126		.700		1.40	77.70	.69		1091.
76 12 21	1300	84.	.086	.037	1.160	.163		.700		6.80	73.30	1.18		1127.
76 12 22	1300	84.	.063	.030	1.260	.112		.800		4.10	77.50	.82		1149.
76 12 23	1300	84.	.061	.034	1.260	.140		.500		2.90	73.70	.39		1095.
76 12 24	1300	84.	.063	.036	1.260	.073		.700		3.30	75.00	.40		1115.
76 12 25	1300	83.	.080	.042	1.290	.118		.900		2.60	78.30	.76		1123.
76 12 26	1300	80.	.118	.066	1.380	.157		1.100		3.20	88.00	.68		1212.
76 12 27	700	78.	.103	.055	1.470	.148		.700		2.50	87.50	.42		1241.
76 12 27	1300	78.	.134	.079	1.610	.231		.700		3.70	88.30	1.13		1290.
76 12 28	1300	75.	.127	.061	1.650	.249		.700		2.40	83.90	.47		1279.
76 12 29	1300	72.	.129	.061	1.730	.200		.900		2.20	84.70	.98		1284.
76 12 31	900	64.	.167	.016	1.560	.066		.300		23.30	86.20	.41		1268.
77 1 3	700	55.	.119	.067	1.740	.492		.925		7.50	84.90	.61		1283.
77 1 [illegible]	1300	55.	.120	.044	1.710	.293				16.90	85.30			1226.
77 1 4	1300	53.	.112	.036	1.710	.377				24.80	88.40			1291.
77 1 5	1300	52.	.121	.058	1.800	.295				9.80	87.20			1300.
77 1 6	1300	52.	.135	.062	1.850	.282				7.30	89.70			1322.
77 1 7	1300	52.	.140	.081	1.840	.305				9.50	165.00			2080.
77 1 [illegible]	1900	52.	.150	.092	1.670	.330				11.80	100.00			1360.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR	MO	DY	TIME 24 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO+2 NO-3 MG/L	AMMO NIT. MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	1	11	700	52.	.139	.077	1.440	.284				8.50	84.70			1253.
77	1	11	1900	52.	.154	.081	1.540	.282				9.90	77.70			1199.
77	1	12	1300	52.	.141	.104	1.640	.285				3.00	77.40			1211.
77	1	13	1900	52.	.163	.116	1.710	.312				2.00	75.20			1226.
77	1	14	1900	52.	.185	.142	1.680	.332				3.20	72.30			1217.
77	1	15	1900	52.	.124	.112	1.780	.428				3.30	124.00			1566.
77	1	16	1900	52.	.121	.116	1.770	.438				2.00	100.00			1382.
77	1	17	1900	52.	.181	.126	1.760	.593				2.80	84.80			1327.
77	1	18	700	53.	.165	.124	1.770	.592				2.70	82.50			1328.
77	1	18	1300	53.	.250	.126	1.650	.616				4.60	82.70	4.58		1303.
77	1	19	1300	56.	.179	.123	1.480	.634				5.20	79.10	4.16		1340.
77	1	20	1300	62.	.172	.122	1.310	.617				4.50	75.00	4.64		1305.
77	1	21	1300	64.	.164	.120	1.250	.559				5.10	72.30	4.47		1245.
77	1	22	1300	62.	.175	.128	1.280	.537				5.60	71.00	4.98		1198.
77	1	23	1300	60.	.168	.115	1.410	.550				4.80	69.70	5.24		1158.
77	1	24	1300	57.	.162	.123	1.510	.712				4.80	66.40	4.22		1090.
77	1	25	1700	60.	.164	.115	1.410	.550				4.80	69.70	5.24		1158.
77	1	25	1900	55.	.148	.118	1.370	.713				3.70	66.10	7.33		1078.
77	1	26	1500	53.	.146	.133	1.290	.700				3.80	64.50	4.34		1057.
77	1	27	1700	51.	.149	.121	1.230	.655				3.50	64.60	5.31		1049.
77	1	28	1700	50.	.159	.142	1.280	.634				3.30	63.50	4.99		1038.
77	1	29	1500	50.	.179	.142	1.580	.695				2.90	61.40	4.78		1021.
77	1	30	1300	51.	.174	.136	1.440	.842				12.40	110.00	4.99		1323.
77	1	31	700	52.	.164	.129	1.410	.833				5.60	133.00	5.49		1543.
77	2	2	1700	54.	.204	.157	1.210	.927				22.80	76.20	4.20		1149.
77	2	3	1900	55.	.191	.160	1.270	.786				15.80	73.00	4.30		1131.
77	2	4	1900	55.	.200	.171	1.360	.773					70.60	4.47		1129.
77	2	5	1900	53.	.214	.182	1.400	.776				8.60	68.90	4.64		1119.
77	2	6	1900	52.	.223	.184	1.440	.822				2.90	67.90	4.81		1125.
77	2	7	1300	51.	.257	.186	1.490	.683				4.30	77.10	5.08		1097.
77	2	8	1500	50.	.215	.173	1.570	.820				5.10	76.40	5.62		1100.
77	2	9	1500	48.	.213	.173	1.530	.739				4.40	77.00	5.46		1112.
77	2	10	1500	48.	.217	.178	1.460	1.050				5.90	81.80	5.55		1124.
77	2	11	1500	47.	.234	.187	1.490	.855				16.20	82.20	5.54		1127.
77	2	12	1500	48.	.241	.224	1.600	.797				7.90	80.40	5.51		1115.
77	2	13	1500	220.	.537	.220	1.820	.962				14.90	186.00	5.65		1929.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 2 14	700	761.	.341	.244	1.660	1.010				9.60	128.00	5.65		1334.
77 2 14	1300	772.	.357	.255	1.780	1.170				12.60	118.00	6.50	.36	1251.
77 2 15	1300	1118.	.413	.264	1.830	1.110				17.30	111.00	6.47	.48	1140.
77 2 16	1300	1468.	.412	.249	1.780	1.340				17.20	133.00	6.70	.58	1346.
77 2 17	1300	1281.	.441	.275	1.660	1.600				23.00	82.30	8.04	.57	1068.
77 2 18	1300	1264.	.471	.317	2.080	1.460				16.70	80.50	6.51	.52	963.
77 2 19	1300	1027.	.459	.296	2.440	1.470				16.20	89.20	6.18	.49	932.
77 2 20	1300	847.	.482	.323	2.600	1.640				12.30	90.50	6.68	.47	890.
77 2 21	700	772.	.421	.280	2.600	1.360				6.70	90.50	6.08	.45	884.
77 2 21	1300	715.	.384	.274	2.600	1.340				12.80	90.30	7.98		868.
77 2 21	1900	680.	.379	.265	2.630	1.230				15.10	89.70	8.24		872.
77 2 22	100	680.	.360	.262	2.660	1.230				14.10	89.10	7.43		869.
77 2 22	700	650.	.362	.260	2.670	1.110				18.40	89.20	7.73		860.
77 2 22	1300	490.	.373	.260	2.660	1.260				13.50	89.50	7.38		844.
77 2 22	1900	562.	.386	.275	2.480	1.120				16.70	87.40	8.27		833.
77 2 23	100	490.	.423	.293	2.380	1.130				16.70	85.20	6.69		788.
77 2 23	700	680.	.413	.292	2.400	1.070				15.10	85.60	7.40		790.
77 2 23	1300	899.	.481	.284	2.340	.954				46.90	83.70	6.93		763.
77 2 23	1900	6459.	.535	.281	2.300	.792				82.30	83.00	6.70		709.
77 2 24	100	9300.	.584	.266	2.200	.674				123.00	71.30	5.44		624.
77 2 24	700	8348.	.491	.266	2.190	.619					69.80	5.47		
77 2 24	1300	16310.	1.040	.164	2.320	.645				368.00	61.80	5.25		511.
77 2 24	1900	16820.	1.030	.159	2.280	.596				372.00	51.50	5.76		412.
77 2 25	100	17194.	.967	.144	2.420	.520				339.00	46.10	4.39		366.
77 2 25	700	17670.	.777	.130	2.640	.468				296.00	43.90	3.98		357.
77 2 25	1300	16888.	.709	.127	2.880	.442		2.900		278.00	42.70	5.69		343.
77 2 25	1900	10282.	.863	.134	3.070	.518		3.400		285.00	43.70	4.99		351.
77 2 26	100	9445.	.763	.123	3.230	.487		3.980		296.00	43.70	5.19		354.
77 2 26	700	10025.	.766	.104	3.290	.499		2.830		333.00	44.10	5.00		365.
77 2 26	1300	9532.	.660	.105	3.460	.461		2.510		308.00	44.30	4.85		352.
77 2 26	1900	9132.	.631	.090	3.540	.463		2.510		304.00	43.30	4.41		344.
77 2 27	100	9132.	.595	.094	3.690	.373		2.280		277.00	44.30	5.78		345.
77 2 27	700	9188.	.571	.093	3.730	.333		2.510		266.00	45.20	5.89		358.
77 2 27	1300	8964.	.582	.097	4.010	.289		2.370		272.00	48.00	5.32		382.
77 2 27	1900	8936.	.522	.093	4.470	.280		2.220		250.00	48.10	5.28		367.
77 2 28	100	8320.	.585	.565	5.100	.336		2.340		129.00	48.80	6.25		382.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR	MO	DY	TIME 24 U HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	[illegible]	28	700	6945.	.443	.110	4.830	.297		1.800		184.00	49.40	5.59		377.
77	[illegible]	28	1300	5610.	.385	.126	6.050	.236		1.580		131.00	45.70	5.03	5.00	416.
77	5	1	1300	2245.	.329	.129	6.570	.283		1.570		81.50	48.20	5.57	3.70	472.
77	5	2	1300	1515.	.268	.127	6.360	.343		1.370		50.80	51.10	5.82	2.70	515.
77	5	3	1300	925.	.255	.149	6.010	.389		1.510		27.50	53.00	6.13	1.60	555.
77	5	4	1300	954.	.281	.136	5.210	.328		1.190		49.80	50.30	5.79	2.30	568.
77	5	5	700	2604.		.131	6.420	.339		1.240		170.00	51.90	5.59	5.00	509.
77	5	5	1300	2978.	.341	.136	6.900	.365		1.260		163.00	51.70	5.58	4.00	496.
77	5	6	1300	2413.	.299	.115	7.280	.394		1.210		73.60	52.10	6.02	3.30	533.
77	5	7	700	1921.	.251	.098	7.350	.349		1.240		58.40	52.80	6.41		559.
77	5	7	1300	1732.	.227	.089	7.820	.086				50.40	54.30	6.58		562.
77	5	8	1300	1070.	.193	.098	7.460	.135				29.70	54.90	7.22		579.
77	5	9	1300	784.	.175	.089	6.930	.112				29.90	57.70	6.80		603.
77	5	10	1300	670.	1.140	.140	9.130	.024				198.00	63.00	4.98		626.
77	5	15	1300	1553.	.231	.075	6.820	.090				60.90	58.60	6.90	2.80	646.
77	5	16	1300	1027.	.213	.068	6.380	.133				54.40	59.20	6.94	2.20	649.
77	5	17	1300	692.	.173	.051	5.930	.108				41.00	68.40	7.06	1.80	693.
77	5	18	1300	1400.	.190	.065	6.340	.100				41.00	64.50	6.75	2.00	646.
77	5	19	1900	2934.	.247	.066	6.350	.088				102.00	58.00	6.81	3.80	629.
77	5	20	100	4882.	.429	.067	6.480	.126				246.00	52.40	6.39	9.80	520.
77	5	19	700	6081.	.477	.073	6.740	.144				263.00	46.80	6.83	10.00	481.
77	5	19	1300	6189.	.493	.064	7.310	.208				261.00	42.80	6.07	12.00	447.
77	5	19	1900	6081.	.465	.067	7.850	.233				244.00	48.70	6.49	11.00	449.
77	5	19	1900	5610.												
77	5	21	100	5246.	.444	.065	7.970	.252				176.00	49.60	6.40	10.10	463.
77	5	21	700	5090.	.445	.075	7.830	.215				174.00	45.30	6.40	9.70	479.
77	5	21	1300	5012.	.466	.075	7.850	.188				180.00	45.10	6.38	10.10	472.
77	5	21	1900	4856.	.452	.071	7.800	.176				188.00	44.90	6.33	10.40	476.
77	5	21	100	4544.	.424	.064	7.920	.138				151.00	43.90	6.51	10.00	466.
77	5	21	700	4115.	.341	.055	7.850	.202				94.80	43.30	6.99	7.90	477.
77	5	21	1300	3748.	.298	.067	9.140	.048		1.690		104.00	38.30	7.15	7.20	485.
77	5	21	1900	3368.	.291	.070	8.130	.048		1.400		102.00	38.60	7.64	7.00	519.
77	5	22	100	3023.	.285	.074	8.250	.066		1.540		81.70	39.40	8.08	6.50	522.
77	5	22	700	2824.	.262	.070	8.190	.121		2.160		82.40	39.70	8.50	5.70	545.
77	5	22	1145	2780.	.234	.062	8.000	.075		1.760		67.90	39.50	7.21	5.20	541.
77	5	22	1900	3000.	.212	.059	7.840	.160		1.480		67.00	41.30	6.65	4.50	523.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	3	23	100	4065.	.236	.060	7.720	.178		1.500		79.80	42.70	7.40	5.40	515.
77	3	23	700	4630.	.255	.064	7.610	.061		1.480		72.30	40.90	6.92	6.00	502.
77	3	23	1300	5012.	.276	.060	7.510	.073		1.570		97.40	39.70	6.51	6.80	511.
77	3	23	1900	5012.	.300	.073	7.780	.078		1.710		111.00	39.70	6.92	7.40	500.
77	3	24	100	5064.	.225	.065	8.010	.058		1.790		206.00	40.20	6.89	6.80	504.
77	3	24	700	5142.	.261	.067	8.080	.081		1.530		91.70	39.80	6.58	6.10	504.
77	3	24	1300	4908.	.236	.060	7.970	.137		3.400		83.30	38.70	7.27	5.50	492.
77	3	25	1300	3092.	.208	.050	7.840	.085		1.180		68.00	39.10	6.43	4.70	513.
77	3	26	1300	1826.	.177	.048	7.780	.034		2.060		47.80	40.50	7.59	3.60	550.
77	3	27	1300	1400.	.148	.045	7.320	.049		2.060		40.00	42.90	7.14	2.70	597.
77	3	28	700	1264.	.182	.051	6.970	.057		1.180		52.80	46.40	5.90	3.50	623.
77	3	28	1300	1642.	.170	.060	7.020	.021				53.30	40.90	5.80	3.20	598.
77	3	29	1300	3816.	.268	.058	7.010	.022				126.00	33.60	6.25	5.90	512.
77	3	30	1300	5069.	.292	.065	7.430	.034				133.00	35.90	7.50	6.00	527.
77	3	31	1300	2140.	.265	.068	6.820	.024				112.00	37.30	8.23	5.00	551.
77	4	1	1300	1214.	.189	.064	6.470	.162				69.70	38.10	7.65	3.10	569.
77	4	2	1300	1070.	.199	.066	6.060	.103				72.00	42.20	5.51	3.40	598.
77	4	2	1900	1400.	.199	.067	6.130	.078				73.50	42.00	6.44	3.40	621.
77	4	3	100	2476.	.248	.054	5.880	.054				115.00	39.60	5.67	4.90	600.
77	4	3	700	5012.	.366	.061	5.350	.058				221.00	35.50	6.97	8.10	557.
77	4	3	1300	6432.	.605	.070	4.860	.115				382.00	30.70	7.76	15.00	485.
77	4	3	1900	6702.	.786	.075	5.160	.115				485.00	26.70	7.35	21.80	427.
77	4	4	100	6540.	.720	.080	5.600	.202				485.00	27.30	8.02	19.40	424.
77	4	4	700	6216.	.734	.084	5.710	.169				394.00	26.10	7.80	19.80	414.
77	4	4	1300	6081.	.708	.105	6.310	.031				279.00	20.90	6.67	18.30	405.
77	4	4	1900	6027.	.675	.106	6.370	.027				277.00	21.30	6.83	17.60	400.
77	4	5	100	6000.	.708	.094	6.120	.030				248.00	20.10	6.87	19.10	395.
77	4	5	700	5954.	.682	.089	5.940	.029				262.00	19.30	7.29	18.50	388.
77	4	5	1300	5896.	.635	.083	5.860	.109				243.00	19.20	7.18	17.10	387.
77	4	5	1900	5584.	.599	.079	5.810	.119				232.00	19.40	7.06	15.90	397.
77	4	6	100	5194.	.533	.080	5.990	.069				232.00	19.90	6.98	13.60	412.
77	4	6	700	4778.	.473	.080	6.080	.040				177.00	20.60	7.38	12.00	423.
77	4	6	1300	4265.	.415	.071	6.060	.035				174.00	21.10	7.28	10.70	432.
77	4	6	1900	3820.	.392	.074	6.090	.030				102.00	21.50	7.39	9.80	442.
77	4	13	1300	526.	.133	.046	4.100	.086				49.80	36.60	3.59	1.20	667.
77	4	14	1300	465.	.085	.052	3.660	.113				40.30	37.30	3.01	1.30	678.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	4	15	1300	415.	.105	.037	3.200	.126				29.30	37.70	2.41	1.80	690.
77	4	16	1300	376.	.121	.121	7.863	.068				28.40	31.10	7.23	1.50	697.
77	4	18	1300	302.	.116	.038	2.710	.096				32.00	40.70	.93	1.90	670.
77	4	19	1300	274.	.098	.024	2.000	.277				38.10	41.20	.38	1.70	659.
77	4	21	700	254.	.097	.021	1.600	.303				35.50	41.60	.19	.60	655.
77	4	21	1300	281.	.127	.010	1.260	.247				47.60	42.20	.17	1.00	663.
77	4	22	700	254.	.097	.021	1.600	.303				35.50	41.60	.19	.60	655.
77	4	21	1300	281.	.127	.010	1.260	.247				47.60	42.20	.17	1.00	663.
77	4	22	1300	288.	.155		1.240	.199				57.00	58.80	.18	1.40	741.
77	4	23	1300	873.	.322	.069	5.410	.166				127.00	47.80	3.89	4.10	693.
77	4	24	1300	1845.	.221	.025	6.870	.151				84.20	41.70	4.66	3.00	658.
77	4	25	700	2182.	.216	.052	5.630	.131				76.90	40.30	4.84	2.90	652.
77	4	25	1300	2203.	.226	.073	6.390	.034		1.280		89.90	38.40	5.33	3.30	652.
77	4	26	1300	1980.	.154	.048	6.580	.062		1.370		64.80	38.30	5.25	1.70	650.
77	4	27	1300	1980.	.158	.059	7.360	.045		1.540		70.20	38.10	6.06	2.10	631.
77	4	28	1300	1417.	.167	.047	6.360	.066		4.880			36.70	5.29	2.40	633.
77	4	29	1300	1150.	.144	.047	6.140	.160		1.250		39.60	37.10	5.05	1.90	638.
77	4	30	1300	968.	.102	.041	6.020	.103		1.460		29.70	38.10	4.42	1.40	649.
77	5	1	1300	772.	.120	.043	5.490	.068		1.980		43.40	36.90	4.20	1.70	652.
77	5	2	1300	703.	.124	.038	5.030	.089		2.030		25.80	40.20	3.05	.80	644.
77	5	3	1300	795.	.117	.045	4.990	.076		1.350		33.70	45.50	3.01	1.30	672.
77	5	4	1300	1214.	.239	.072	5.660	.038		1.420		82.80	40.50	3.98	4.10	628.
77	5	4	1900	2890.	.298	.070	5.970	.057		1.840		133.00	38.00	4.18	5.70	615.
77	5	5	100	4090.	.419	.063	7.320	.045		3.690		240.00	32.30	5.60	10.00	518.
77	5	5	700	4882.	.460	.067	8.220	.064		3.050		251.00	30.70	6.22	10.80	494.
77	5	5	1300	5454.	.405	.073	8.510	.043		1.600		189.00	29.10	6.29	8.50	502.
77	5	5	1900	5194.	.376	.074	8.520	.054		2.120		163.00	29.20	6.58	7.90	506.
77	5	6	100	4752.	.396	.075	9.030	.079		3.040		195.00	30.10	7.06	8.10	514.
77	5	6	700	4492.	.416	.079	9.040	.063		2.600		181.00	32.50	7.07	8.30	524.
77	5	6	1300	4290.	.410	.081	8.970	.059		2.030		185.00	31.40	6.87	8.10	528.
77	5	6	1900	4140.	.405	.078	8.980	.067		2.440		175.00	31.10	7.10	8.20	518.
77	5	7	100	3852.	.393	.078	9.200	.425		2.750		179.00	31.70	7.22	7.70	524.
77	5	7	700	3253.	.376	.063	8.730	.088		2.740		164.00	32.30	7.23	7.30	532.
77	5	7	1300	2912.	.293	.049	8.550	.074		1.780		124.00	33.50	6.15	5.90	535.
77	5	7	1900	2350.	.328	.066	8.600	.064		2.430		138.00	32.20	7.60	6.20	530.
77	5	8	100	2224.	.321	.056	8.840	.098		1.660		146.00	33.50	7.81	6.10	540.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	5	6	700	1883.	.310	.060	6.610	.040		1.820		116.00	32.80	7.67	5.80	545.
77	5	7	1300	1624.	.265	.056	6.510	.056		1.410		95.00	33.00	7.75	4.60	553.
77	5	8	1900	1417.	.241	.061	8.310	.075		1.750		67.30	33.50	7.75	3.90	567.
77	5	9	100	1247.	.229	.057	8.150	.063		1.270		76.70	33.80	7.65	3.70	575.
77	5	9	700	1102.	.218	.058	8.020	.051		1.320		70.50	34.70	7.35	3.50	586.
77	5	9	1300	983.	.219	.085	7.680	.015				60.80	31.90	10.40	3.30	596.
77	5	10	1300	692.	.172	.086	6.980	.020				45.80	34.00	8.37	2.30	624.
77	5	11	1300	553.	.146	.062	6.330	.042				38.80	35.60	8.12	2.00	647.
77	5	12	1300	449.	.124	.061	5.760	.047				34.10	36.00	5.80	1.80	663.
77	5	13	1300	376.	.104	.047	5.180	.074				28.20	43.40	4.59	1.30	705.
77	5	14	1300	330.	.093	.022	4.500	.063				21.50	39.50	3.55	1.00	702.
77	5	15	1300	302.	.085		3.760	.025				29.80	40.20	2.55	.70	683.
77	5	16	700	281.	.099		3.810	.016				25.80	77.40	4.09	1.00	869.
77	5	16	1300	281.	.106	.069	3.700	.020				36.80	51.30	.98	.70	732.
77	5	17	1300	267.	.091	.051	3.750	.020				35.60	62.90	.93	.90	891.
77	5	18	1300	241.	.080	.055	3.370	.026				37.90	48.50	.78	.80	750.
77	5	19	1300	248.	.087	.060	3.240	.020				33.90	47.90	.81	.90	752.
77	5	20	1300	235.	.089	.052	2.880	.015				31.00	46.90	.73	1.00	692.
77	5	21	1300	210.	.099	.041	2.250	.029				39.50	45.00	.62	1.20	699.
77	5	22	1300	177.	.092	.037	2.010	.057				31.30	45.30	.78	1.10	709.
77	5	23	700	166.	.249	.078	2.390	.037				88.60	47.10	1.11	3.30	679.
77	5	23	1300	161.	.184	.107	1.930	.055		.340		60.60	57.00	1.87	2.20	712.
77	5	24	1300	157.	.367	.126	2.030	.054				153.00	66.10	2.12	5.80	776.
77	5	25	1300	133.	.253	.129	2.590	.056				72.70	60.70	2.52	3.70	724.
77	5	26	1300	150.	.249	.096	1.760	.016				91.80	69.30	2.06	3.50	828.
77	5	27	1300	137.	.215	.092	1.290	.036				63.80	51.50	1.88	2.90	765.
77	5	28	1300	113.	.209	.068	.790	.236				53.40	48.10	1.27	2.20	730.
77	5	29	1300	95.	.165	.075	1.130	.178				34.20	54.30	1.16	1.40	714.
77	5	30	700	81.	.166	.051	.740	.156		1.720		24.20	52.00	.91	1.40	702.
77	5	31	1300	78.	.193	.077	.820	.043		.862		30.10	47.70	.29	1.30	725.
77	6	1	1300	74.	.160	.057	.390	.226				25.00	46.70	.26	.90	738.
77	6	2	1300	66.	.192	.051	.410	.103				64.60	46.50	.34	2.00	767.
77	6	3	1300	61.	.043	.043	.240	.254				11.50	47.90	.35	.80	785.
77	6	4	1300	59.	.152	.024	.150	.355				17.60	112.00	.13	.70	1033.
77	6	5	1300	66.	.241	.020	.320	.302				49.90	68.60	.29	1.70	798.
77	6	6	700	78.	.217		.080	.139		1.340		51.30	54.90	.25	1.80	805.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 6 1	1950	69.	.182	.029	.030	.164		1.360		54.30	50.40	.09	1.30	769.
77 6 11	1900	74.	.196	.024	.020	.126				70.30	52.10	.16	2.00	773.
77 6 12	1900	81.	.120		.270	.059				30.60	56.00	.37	1.10	807.
77 6 13	700	88.	.222	.100	.110	.069		1.200		74.70	50.80	1.39	2.40	793.
77 6 13	1900	88.	.148	.067	.600	.016		.610		31.50	49.40	.34	1.50	729.
77 6 14	1300	81.	.151	.086	.690	.016				57.50	74.90	.41	1.60	868.
77 6 15	1300	78.	.203	.118	.570	.070				93.30	77.30	.51	2.60	917.
77 6 16	1300	69.	.149	.097	.360	.064				44.30	62.40	.44	1.60	766.
77 6 17	1300	64.	.164	.124	.440	.100				44.80	61.90	.76	1.30	712.
77 6 18	1300	64.	.149	.148	.490	.087				54.90	64.80	.73	2.00	729.
77 6 19	1300	193.	.131	.107	.490	.043				77.70	65.50	.59	2.50	786.
77 6 20	700	129.	.305	.060	.180	.026		1.760		161.00	59.80	.35	4.50	829.
77 6 20	1300	113.	.268	.123	.400	.106				79.90	60.80	.96	1.70	821.
77 6 21	1300	88.	.176	.090	.260	.171				50.60	55.90	.46	1.00	825.
77 6 22	1300	64.	.148	.089	.190	.150				41.70	55.90	.52	.70	825.
77 6 23	1900	52.	.183	.095	.150	.286				31.60	54.90	.38	.70	845.
77 6 24	1300	49.	.168	.083	.170	.181				42.40	54.80	.51	1.10	853.
77 6 25	1500	61.	.159	.115	.250	.278				34.80	60.70	.68	1.00	823.
77 6 26	1300	59.	.082		.450	.101				17.70	64.10	.70	.60	824.
77 6 27	700	57.	.178		.270	.227				40.40	62.50	.69	1.00	837.
77 6 27	1300	57.	.188	.090	.710	.028				35.60	58.00	.59	1.10	882.
77 6 27	1900	54.	.153	.060	.520	.038				21.70	54.00	.57	.70	875.
77 6 28	100	52.	.205	.081	.530	.013				29.80	65.40	.48	1.00	932.
77 6 28	700	49.	.206	.080	.570	.010				36.20	84.90	.50	1.10	1042.
77 6 28	1300	47.	.225	.077	.810	.099				56.90	109.00	.47	1.00	1186.
77 6 28	1900	47.	.180	.067	1.750	.210				33.00	119.00	.58	.80	1319.
77 6 29	100	45.	.169	.070	.220	.197				40.10	137.00	.35	1.10	1382.
77 6 29	700	49.	.214	.063	.420	.086				72.40	130.00	.49	2.00	1345.
77 6 29	1300	49.	.193	.070	.210	.251				39.20	120.00	.31	1.10	1269.
77 6 29	1900	57.	.142	.045	.090	.228				27.70	114.00	.24	.80	1212.
77 6 30	100	1100.	.167	.045	.640	.078				39.90	105.00	.66	1.10	1171.
77 6 30	700	1000.	.168	.050	.480	.037				36.70	102.00	.74	1.30	1164.
77 6 30	1300	1000.	.134	.048	.700	.102				36.70	96.10	.95	.90	1127.
77 6 30	1900	1000.	.405	.084	1.150	.070				218.00	81.10	1.86	9.90	921.
77 7 1	100	4400.	.600	.103	2.260	.043				350.00	75.90	2.24	14.00	868.
77 7 1	700	4400.	.684	.117	3.390	.073				389.00	60.30	3.20	14.20	760.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO USGS NO. 04198000

SAMPLING DATE YR MO DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77 7 1	1300	4400.	.687	.175	4.490	.019				357.00	54.70	4.65	11.60	723.
77 7 1	1900	4400.	.668	.098							48.70	6.45	14.90	
77 7 2	100	2150.	.683	.068	9.370	.056				475.00	45.90	5.28	14.90	704.
77 7 2	700	2150.	.302	.066	6.230	.083				158.00	47.20	4.30	4.90	737.
77 7 2	1300	2150.	.237	.060	4.890	.073				105.00	52.50	3.83	3.70	829.
77 7 2	1900	2150.	.776	.061	6.190	.064				571.00	42.70	4.27	22.20	659.
77 7 3	100	1000.	1.020	.058	8.090	.059				846.00	34.30	5.68	35.00	541.
77 7 3	700	1000.	.978	.060	9.940	.077				835.00	32.80	5.53	33.80	538.
77 7 3	1300	1000.	.941	.113	10.400	.040		3.680		751.00	27.10	6.09	27.50	462.
77 7 3	1900	1000.	.824	.107	10.600	.031		2.480		613.00	33.50	6.33	24.00	482.
77 7 4	100	650.	.781	.109	10.200	.030		2.400		603.00	31.60	6.17	22.90	472.
77 7 4	700	650.	.739	.110	10.800	.039		3.840		528.00	29.80	6.48	21.10	466.
77 7 4	1300	650.	.660	.104	11.300	.047		2.430		457.00	29.90	6.74	18.20	464.
77 7 4	1900	650.	.589	.097	11.900	.041		2.550		410.00	37.90	6.28	16.30	502.
77 7 5	700	455.	.686	.111	11.300	.037		2.590		455.00	39.10	6.59	17.30	533.
77 7 5	1900	455.	.429	.100	11.900	.032		2.020		228.00	35.40	6.80	9.40	552.
77 7 6	100	700.	.383	.081	12.100	.036		1.510		231.00	36.60	6.32	8.40	565.
77 7 6	700	700.	.415	.080	12.100	.034		1.910		262.00	34.40	6.95	8.90	566.
77 7 6	1300	700.	.404	.082	11.900	.049		2.110		252.00	34.40	6.89	8.50	571.
77 7 6	1900	700.	.456	.070	11.800	.027		2.170		315.00	30.80	7.02	11.60	530.
77 7 7	100	900.	.729	.063	9.600	.049		2.580		613.00	24.30	6.02	24.10	410.
77 7 7	700	900.	.650	.069	9.990	.044		2.200		500.00	25.00	6.19	19.80	418.
77 7 7	1300	900.	.664	.076	10.100	.035		2.420		503.00	24.30	6.25	20.20	421.
77 7 8	700	660.	.562	.079	9.870	.078		2.260		333.00	25.40	7.56	14.30	449.
77 7 8	1300	660.	.528	.075	9.670	.030		2.220		307.00	25.60	6.89	13.10	441.
77 7 8	1900	660.	.494	.070	9.510	.039		1.800		296.00	25.60	7.24	12.80	441.
77 7 12	1300	280.	.356	.083	6.350	.054				160.00	58.20	7.97	7.90	578.
77 7 13	1300	220.	.276	.071	5.680	.156				100.00	31.60	7.05	5.10	495.
77 7 14	1300	182.	.263	.067	5.310	.087				107.00	32.20	6.77	4.50	514.
77 7 15	1300	129.	.216	.047	4.140	.110				79.30	38.70	7.48	3.20	545.
77 7 16	1900	85.	.196	.050	3.520	.127				52.40	42.40	6.53	2.00	571.
77 7 17	1300	88.	.187	.038	3.680	.123				51.50	38.60	7.82	2.10	575.
77 7 19	1300	69.	.158	.036	3.510	.018				40.30	36.00	9.20	1.70	591.
77 7 19	1900	66.	.153	.053	3.720	.019				40.20	50.50	5.67	1.70	629.
77 7 19	1900	57.	.135	.042	3.150	.031				24.80	71.50	3.68	.90	683.
77 7 20	1900	59.	.132	.029	2.630	.263				33.70	46.00	3.52	1.10	559.

LAKE ERIE WASTEWATER MANAGEMENT STUDY - WATER QUALITY INFORMATION

MAJOR RIVER BASIN : SANDUSKY RIVER

STREAM : SANDUSKY RIVER

LOCATION W/CODE : NEAR FREMONT, OHIO

USGS NO. 04198000

SAMPLING DATE YR	MO	DY	TIME 2400 HRS.	FLOW CFS	TOTAL PHOS. MG/L	ORTHO PHOS. MG/L	NO-2 NO-3 MG/L	NH-3 MG/L	ORG. NIT. MG/L	TOTAL KJELD MG/L	COD MG/L	SUSPEND SOLIDS MG/L	CHLO RIDE MG/L	SIO2 MG/L	IRON MG/L	COND 25C. UMHO
77	7	21	1900	57.	.126	.024	2.060	.159								
77	7	22	1900	64.	.139	.024	2.060	.143				22.20	38.10	2.98	.80	524.
77	7	23	1900	133.	.268	.029	1.810	.145				34.30	39.30	3.79	1.20	553.
77	7	24	1900	726.	.156	.013	2.290	.024				105.00	41.00	3.41	3.60	579.
77	7	25	1300	535.	.293	.049	.600	.031				55.40	45.20	3.17	2.00	608.
												75.50	38.90	3.69	2.90	674.